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Educational Studies in Mathematics

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Title word cross-reference

\((-8)^{1/3}\) [TE97]. \(-2 = (-8)^{1/3} = (-8)^{2/6} = \sqrt[3]{-8}\) [GR97]. 2 [MP96].
2 \times 2 [Roo71]. 3^{bmc} [Une74]. \(dy/dx\) [Thu72]. \(i\) [Sch11b]. \(R^3\) [SP16]. \(Z\)
[Rev76]. \(n\) [Bac71, Sch11b]. \(\ell\) [dV18]. \(S_4\) [Hah75]. \(\Sigma\) [Gro77]. \(\varepsilon\) [Roh10]. \(x\)
[Mos98]. \(Z\) [ZG01].

[Roh10].

/doi.org/10.1017/CBO9781139045360 [Sfa15].

1 [DWMB05b, EH05a]. 10th [RR05]. 10th-Grade [RR05].
11-to-13-year-old [Rou68]. 11-Year-Olds [FB02]. 12 [Rut05, WN04].
Nos86, PM16, RL00, Roo71, SL94, TAH08, TT91, Tic12, Van03a, VP16, WSR11, Yer00, Zah15, vDKHPKR13, Jon16. **Algebraic** [BEW99, Dem97, DVF18, IB05, Lep90, RP07, THS06, TER98, WFB13, CMdR18, CB99, CPPC18, CPPT+13, ES96, GT00, Hah75, Hew12, HSZ17, LL99, MS97, MvdKM13, MS99, MP14, PK17, Rad90, RFP14, RDH09, SB97, SD94, SL98, SJ04, Sut89, TW09, Vol69, ZL02]. **algebrique** [CB89]. **algorithm** [BEW99, Dem97, DVF18, IB05, Lep90, RP07, THS06, TER98, WFB13, CMdR18, CB99, CPPC18, CPPT+13, ES96, GT00, Hah75, Hew12, HSZ17, LL99, MS97, MvdKM13, MS99, MP14, PK17, Rad90, RFP14, RDH09, SB97, SD94, SL98, SJ04, Sut89, TW09, Vol69, ZL02]. **algorithmes** [CB99]. **algorithmic** [Sle82, FKIA15]. **algorithms** [SL95, Ano87a, Ano87b, Ano87c, Ano87d, Ano87e, Ano87f, Ano87g, Ano87h, Ano87i, Ano87j, Ano87k, Ano87l, Ano87m, Ano87n, Ano87o, Ano87p, Ano87q, Ano87r, Ano87s, Ano87t, Ano87u, Ano87v, Ano87w, Ano87x, Ano87y, Ano87z].
Anthropology [Rad06, Con90]. Anthropomorphizing [Sri18].

anticipations [Cob85]. anticipatory [Tzu07]. anwendungsorientierte [Bec77]. Anxiety [New98, PSS+19, Wil97, Bek10, LC15]. any [O'C01].

Anyway [Wil97]. à la [Fre69a]. apart [LK18]. APOS [BGT17, DWM05b, DWM05a, MTBR16]. APOS-Based [DWM05b].

appareil [Dum82]. Apparent [BG69]. apparently [Dum82].

Application [Bal71, LH06, Bec77, EMPF04, H93b, TW09].

application-oriented [Bec77]. Applications [Blu02, Als02, BN91, Bur80a, Eng68, Pol68, Pol69, Wit73a, Wit73b].

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appraisals [FI17]. Appraising [HEW10].

appreciation [Ano98b]. Apprehending [SS06]. apprentice [Hah99].

apprentis [Hah99]. Apprentissage [Cha71, Dag96, Art97, CLR16, Dic70, Duv91, Mot71, Sch92, Ser76].

apprentissages [Tro04]. Approach [Adh97, CV09, Con77, Ler01, MD01, Mes04, PM97, BBF71, BA14, BS12, BJ88, BC78, BC12, Bur80b, BBFG99, EN79, FQL+17, FS16, FF17, Fle68, FDW19, YHC+97, Har73, HOEF89, Hoy01, IB19, Jun91, KS69, Kon18, bL00, Ler85, Lib77, MW09, MWVE09, Nar16, Neu99, Par16, RR80, Rev76, Rog71, Rut88a, Sha77, SK69, VRP+12, Vi71, Vin75, Vin77, Wit80, YG99, Yer00, vSBvR00, AP75, CGS76].

Approaches [Mor00, TER98, Cra96, EK10, Gra91, KBK+17b, KFS01, KR11, MCMV13, EI 18, RR17, KBK+17a, JV17]. Approaching [FLM07].

Approche [AP75, CGS76, Con77, BC78, bL00, Rev76]. appropriate [GBMB70]. Appropriating [Car10, Mos04]. Appropriation [BC82, BC82]. après [Fre69d]. Aptitude [BHX97]. APU [FB02]. Archimedes [Fre77b].

arcs [Moo13]. Area [DVJ98, ATDR19, BN96, CF00a, DPG89, FKC17, Kor03, KSL11, PH96, SS17, Yin10]. area-comparison [CF00a]. Areas [II05, ZM91]. Argentina [SS93b]. argument [Bar07, YE16].

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arithmetico [HSZ17]. arithmetics [Vin75]. arithmétiques [Lab78, SB97].

TE97, TJHD11, WI01, XM17, AS17, Ale81, BZ01, BLP+14, BGT17, BF96, Bro10b, CV09, Cha18, Cob86, DK15, EPQH18, Eve90, FC12, GD17, GBE13, GP17, GB17, Gue19, Har09a, HMMG18, HMSBR19, HC14, JMA19, Jon18, JS01, Kar02, Kar10, KTL01, KLLJ17, KK13, Lam15, Led87b, Lev13, MCVM13, MZ18, MA09, O’C01, PMG+94, Rob12, Saj03, Sch12, SL94, Sin03, SMW11, SK13, TN15, Tsa01, TTL08, ZS15, ZER17, ZL08, ZKC18, dKV18].

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central [Cas69c].

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chance [Nil07, Ste91, WK04].
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Characterization [HPG05, ZER17, vS11].
Characterizing [Mes04, Ost06, WFCW15, NH15, VV15].
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chez [Aud83, Bic82, Gro77, Hah99, Sam85, TLM07].
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Chile [DVC19].
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Swe77, SY79, VS13, XH88, ZKC18, ZM91. Chinese [CDW14, DL14, FQL+17, JHC14, Ma96, PXTW17, Qua92, Sun11, SC83, ZML87]. Choice [BST81, BFG84, Beh68, HEW10, KV75, SJ17, ZZ08]. choices [Bak19b, FYAE12, MS19]. Choosing [BS15]. Christine [JV17]. circle [Cha98, MLK16b, TP15, MLK16a]. Circumventing [Tri95]. city [SG08]. cK [dV18]. Clark [Art15a, Fur19]. Clarke [Jon16, LX16]. Clarkson [MR17]. clas [Fyh08]. Class [Ass05, RR05, SSLM+05, SK07, Ano78b, AC95, Cli17, Deb06, FT03, Gra75, Jan09b, LW94, Mog17, Rou69, SZP10, Tur76, WFCW15, Zah15, Add82]. class-room [Tur76]. classe [CGS76, Deb06, For69, PRR08, Rou69, VD78, VD79]. Classes [Ham06, Add82, BCFC90, PB09, RL13, WAL18]. classical [AS17, FDV19, Vol77]. classique [AL00]. Classroom [Adl97, AF05, BT05, Bau92, BR17, Bus05, Cha06, Elb03, Flu05, MCB05, MF97, McN00, NN07, ODV06, PBY03, SL06, See01, Sou83, TN15, W101, ZS07, AI07, APRS09, AC95, AH76, AL78, Bau80, Bek10, Bra14, BS94, BSF96, Bro06, Bro14b, CYW92, CW96, DT12, DK15, DDB+10, FP07, For95, FA01, FA03, Ger88b, GBC12, Gič13, Gič16, Gue19, Han10, HEW10, HEWC10, HMMG18, Hud90, Jun91, Kem81, LZ08, LSH09, Leu95, kSL13, Lor82, MPDP17, MLL19, NK17, Nol16, Nor15, PRR08, Pla14, Rad11, RR11, RN12, SG08, Ste97, TL15, Tav96, TD12, Tic12, TJHD11, WHE08, WHE09, Wall17, Was15, XCI9, ZZ08, dA00, dFS12, Fer15, HSNHHE15, SJS12, Rad11]. Classroom-based [BR17]. Classrooms [Bes07, GP01, Leu05, Llo05, Mor00, Nte06, CWT12, EPQH18, FQL+17, FKIA15, FTA10, GdA09, GMHG09, Han12d, HP08, HMT13, IFW+15, Kap09a, Lam15, LX16, LC15, McC14, NT19, PPG95, Rot16, SA00, THT95, Woc96, MR17, Han12a]. Clements [Ste13]. Clever [FShB18]. climbing [Fyh08]. Clinical [Coo98, Gal81, HS13b, KH07]. clip [KB11]. closer [FKC17]. closing [Ban11]. club [Ca94]. CMAS [PSS+19]. CMAS-UK [PSS+19]. Co [LLD14, Gre17, HM13, Jaw03, Mog17]. co-construction [HM13]. co-educational [Mog17]. co-learning [Jaw03]. co-ordinated [Gre17]. Co-thought [LLD14]. Cobb [SJS12, HJ12]. code [Bos07]. codes [And09, GBE13]. Coding [EV016]. co认知s [LD88]. Cognition [BR06, GS08, Tsa02, BC12, Car08, NF09, NEM99, Pro13, Rad09, SP19]. Cognitive [AAT99, Bag06, Dah04, DS05, Duv06, Kuc81, Lec92, LH06, PPC09, SA07, Sid05, SV94, Wat07, CPT+13, CF00a, FG17, Fre99, FM09, HL94, Ior17, Ior18, KBK+17a, KBK+17b, KC09, LD88, LH96, McD89, PC19, RL12, Sfa15, Sou83, TK14, TF95, Wat02, Yan12, vLXD18]. coherence [CDW14, RBWS18]. coherences [Mey10]. coherent [IB19]. coin [Sfa91]. collaboration [Cor17, KM18, TS18]. Collaborative [DEM04, DEMW06, PDV07, RL00, Bju04, Car10, Fra13, FDW19, GG96, GGR02, HGM15, MYM12, Ryv04]. Collection [FB98]. Collective [MT15, CSS+14, Gel08, MCR11, RWZ15]. College
[Rut05, WW07b, WN04, Wil05, Bag73, Har09a, Hol81, MWSS17, O’B73, QM94, Rot14, Sha77, TJDH11, Wai70, WM09, dVSKvO18, SE93]. combinatorial combinatoric combining [Cli17, KD10]. Combatting [RR80]. combinatori

Computational [Edw84, JS99, JM74, Zah15].

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SB97, Ser76, Siw73, TSV82, Tro00, Van69b, VD78, VD79]. d’apprentissage [DPG89, Tro00]. Data [Eng12, KHRK15, Leu05, MC01, WM98, AGP15, AP01, AWL15, BZA01, CPPC18, FB02, GT95, GB13, Han10, LH18, LT86, LMCG08, Min83, RT14, SL19, VRP+12]. Dataset [Rut05]. David [Jon16, LX16, Bye15]. Davidov [Ott76]. Davidov/D [Ott76]. day [Ano74b]. Deaf [Jon16, LX16, Bye15]. Davidov [Ott76]. Davidov/D [Ott76].

Data [Eng12, KHRK15, Leu05, MC01, WM98, AGP15, AP01, AWL15, BZA01, CPPC18, FB02, GT95, GB13, Han10, LH18, LT86, LMCG08, Min83, RT14, SL19, VRP+12]. Dataset [Rut05]. David [Jon16, LX16, Bye15]. Davidov [Ott76]. Davidov/D [Ott76].

Data [Eng12, KHRK15, Leu05, MC01, WM98, AGP15, AP01, AWL15, BZA01, CPPC18, FB02, GT95, GB13, Han10, LH18, LT86, LMCG08, Min83, RT14, SL19, VRP+12]. Dataset [Rut05]. David [Jon16, LX16, Bye15]. Davidov [Ott76]. Davidov/D [Ott76].

Data [Eng12, KHRK15, Leu05, MC01, WM98, AGP15, AP01, AWL15, BZA01, CPPC18, FB02, GT95, GB13, Han10, LH18, LT86, LMCG08, Min83, RT14, SL19, VRP+12]. Dataset [Rut05]. David [Jon16, LX16, Bye15]. Davidov [Ott76]. Davidov/D [Ott76].

Data [Eng12, KHRK15, Leu05, MC01, WM98, AGP15, AP01, AWL15, BZA01, CPPC18, FB02, GT95, GB13, Han10, LH18, LT86, LMCG08, Min83, RT14, SL19, VRP+12]. Dataset [Rut05]. David [Jon16, LX16, Bye15]. Davidov [Ott76]. Davidov/D [Ott76].

Data [Eng12, KHRK15, Leu05, MC01, WM98, AGP15, AP01, AWL15, BZA01, CPPC18, FB02, GT95, GB13, Han10, LH18, LT86, LMCG08, Min83, RT14, SL19, VRP+12]. Dataset [Rut05]. David [Jon16, LX16, Bye15]. Davidov [Ott76]. Davidov/D [Ott76].

Data [Eng12, KHRK15, Leu05, MC01, WM98, AGP15, AP01, AWL15, BZA01, CPPC18, FB02, GT95, GB13, Han10, LH18, LT86, LMCG08, Min83, RT14, SL19, VRP+12]. Dataset [Rut05]. David [Jon16, LX16, Bye15]. Davidov [Ott76]. Davidov/D [Ott76].
GFJ13, Hie88, Hoy01, Jou13, Shr10, SS88, TN15, TDEM13, VR90, YTD11.

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Difference [So06, VL04, Do03a, ETC14, Mon00, SPHN12].

Differences [BHX97, Mar13, Zev04, And89, Bur02b, Che89, Cle79, Eli85, FP85, GR71, HH88, Kae88, KM93, Led85, Lin88, LLHL13, Mon00, SC17, Say94, WL90].

Different [BCFR+98, Ber19, FB02, GL00, II05, Nil07, Van93a, BJJ13, BB03, CW14a, Ki08, KAHIB10, KHRK15, Lam15, Lev13, MTBR16, MWVE09, SP16, Sfa91, SC93, Str82, TA08, VN19, Wai70, Cas69a].

Différences [Cas69a].

Differential [Ad98, Eva07, Min83, Zen18].

Differentially [Kni12].

Differentiation [Oe98a, Ort83a].

difficult [GFWL11].

difficulté [De397, TLM07].

Difficultés [Add76, Gro77, SB97, VD78, VD79].

Difficulties [Ale81, Bag06, GL10, Gro77, Has81, Hew12, HM13, KR11, PM15, SB97, VD78, VD79, Add76].

difficulty

[De397, Jan74, JRT2, Ces76, TLM07, Web01].

digit [Csi16, PDT+12, Sel01].

Digital [HbL05, LK14a, MK14, Art15a, Bsc18, Cal12, GJ19, Jot13, KL14, Nos01, Wal12].

dilemma [SC+16].

dimension [Ior18, Way94].

dimensional [Coo92, Mit80].

dimensions [Bau80, Boy16, Edl18, Srl18].

d'indépendance [Mau95].

d'individualisation [Gau69].

d'initiation

[AM97].

d'instruments [B00].

d'intervention [Deb06].

Diophantus

[Har87].

direction [Ler85].

directional
discours [Bos87, Rob95]. Discursive [EPQH18, MHDC04, PW03, Sce01, Bos87, Bra14, CH13, Güç13, Güç16, HEW10, HEWC10, HMSBR19, Jun91, KFS01, Kie01, KB11, Par16, SG14, Sfa01, TJHD11, Wal17, XC19, Zev96, IRA16].
discourse-rich [HMSBR19]. Discourses [Ryv06, Bar16, DVC19, Rob95, Ryv04, SA00, VN19, Win11]. discoverer [Hol73].
discovering [Mey10]. discovery [FA76]. discrete [DH90, Kid11, Wit80]. Discursive [EMT06, Ler01, KB12, Ric04, Win03].
discursive-graphic [Ric04]. discursivo [Ric04]. discursivo-graphique [Ric04].
Discussing [Vil10]. Discussion [Ano00d, Ano04d, BT05, Blu02, FvM97, ZS07, Ano68b, Bus96, Ern84b, Gut07, Hoy85, LW94, O’C01, Pal16, PS88, Von16, Wal76].
Discussions [McN00, Jan09b, WMP108, dPQ16]. Disentangling [GH98].
disjunctions [DC17]. Discussion [Wal76]. disorder [Sri18]. Displayed [MM00].
dissenting [dF04]. Distance [SLW83]. distinct [KRHD15, TLM07].
distincting [SLM79]. distractrices [SLM79]. Distribution [BH05, LLHL13].
distributions [NH15].
diviser [Dem93]. Division [OK05, GT90, HC95, KPH10, Lee17, Neu99, PM16, RL12, SW95, SS10, Sun11, TSV82, TG89, Ves71, Yim10].
Do [GG96, MB16, Mur04, Ala12, Bur98, CDW14, EK10, For00, HDM07, HH11, HBZE98, Kar02, KR11, Par15b, Par15a, Par90, Rad09, Rob86, WJJ11, YM16, dF16].
Doctoral [Al08, GPW05, Her02b]. Document [Ano00d, Ano04d, BT05, FvM97, Blu02, GMNB18].
documentation [GMNB18, GT09, MR17].
Does [Ade90, Bro10a, FQL+17, FG84, GHSH16a, How80, IIMR+11, SAR19, VL04, BSV95, Czo18, Eng76, FB17, GBC12, Mon00, Mor06, Sca75, YE16, GSH16b].
DOI [Sfa15]. doi.org [Sfa15]. Doing [Bur90, Cor17, LM11]. Domain [HbL05, Mos05, SL19, BN96, Gal02, Kon18, Kun12, RK17, Mor00].
domain-related [Kun12]. Domain-specific [SL19]. dominant [Dom19].
données [GT95].
don’t [WHE08]. door [MW19, Swe77]. dosage [CW14b].
double [Fri11].
douze [Pea76]. Dr. [Pea76]. dragging [Ng16].
dragons [Vog70]. Drawing [CPP07, ST10, Bal88, Bus96, Lén93, Mit80, MB19, RSL17].
drawings [Bal88, CSK12, Ger88b, Mar86, MB09, VQ17].
Dreyfus [Fit15b, Rad11].
dual [Sfa91].
d’un [Aud83, For69, LDM92, ZP91].
d’une [BC92, Bra68, CLR16, Her11, LD88]. d’université [BZ01].
duoethnography [ZK15]. duplication [Duv83].
During [DEM04, CCW95, CPK08, GB14, Jan09b, Kap01, Kyn93, PT09, Rad03, dVSKvo18]. Dutch
[vSBvR00].
Duval [Rut02]. Duvalian [lor17]. Dyadic [THS06]. Dynamic
[GPW05, HHS00, Jon00, Lab00, Mar00, FBA10, Lab78, LBFM13, LL13, MG00b, MAHK08, PPC09, Rot16, Sin03, TY04, YS12, Zen18]. **dynamics** [OCA13, VGJ19].

E. [Bag08a]. each [Fra13, Sfa15]. **Early** [BBFG99, KPS83, Mos05, Neu99, CPPC18, CS19, FS16, Her02a, Kru13a, Sam85, Taki8, Van03a, VMN11, vdhHPKR13]. **ears** [Sfa01]. **earth** [Ano84c].

East [Leu01, Leu05]. **école** [AR82, AG02, BD72, Cas69b, CDGG76, FPM69, Gla76a, Mar69, Roy81]. **ecological** [GBC12]. **Economic** [II05, Kae90]. **Economy** [Ass05]. Ed [Ell18, Gue19, Pai18, Sfa13, All09]. **editor** [Bak19b, Fit15a, Han98, Fit17, Tun04, Wil05]. **Educational** [Ano85c, Ano88d, Ano89g, Ano98h, Ano99b, Ano10c, B.88, Bak19a, BW08, Bis79a, Bis85, Bis88a, Bis88b, Bis89, Dör90, Dör92, Dör93a, Dör93b, Dör94, Dör95a, Dör95b, Dre06, Dre07, Dre08, Goo14, Goo15, Goo16, Goo17, Goo18a, Goo18b, JGM90, KFS01, Pre09, Pre10, Pre11, Pre12, Pre13a, Pre13b, Rut96, Rut00b, Rut00c, SLP06, Sie01, Sie02, Sie03, Str93b, Add87, Ano86d, Bel93a, BW12, Bur94, Cob94, Dre95, HJ93a, Lab92, Led95, Ler96, Mor14a, Rut89b, vG92].

Eds [Art15a, Art19, Bak16, Edd18, Fit11, Fit14, Fur19, GB19, HJ12, Hes13, Jon16, Law16, LX16, MR17, Rad11, Rut02, SJS12, Sta11, Wall17, Web18a, vBP19, Eng99, Tsa02]. **educated** [BJJ13, VVV13]. **Education** [ABK10, ACJO04, AF05, Ano72a, Ano00b, Ano10d, Ano16b, Bus05, CF03, CCGGG74, Ern99, Fre69a, Fre78b, Fres82, GSE07, Gau69, GI00, GD99, GPW05, Kae13, Kei82, Kru13b, Kry69a, LH97, LH06, Leu01, Men07, Mor06, Nis99, Ong06, Rad12, Ser69, SK98, SK07, Web18a, Web18b, ZBEH06, Zev06, Ano89, Ano76e, Ano81b, Ano88e, Aud83, AH79, BWG14, Bal90, BBS07, BGSW94, Bec19, Beg99, BD72, Big70, Bis80, Bis88c, BWHM10, Bla78, Blu92, Boy16, BP80, Bro11, Bro08a, Bro10b, BC12, BW12, Bro12, BSW16, BG69, Bur02b, Cas69c, CPP09, Che90, D’A91, Dar16, Dele8, Dör93a, Edd18, Ehr78, El 78, El 86, El13, Eyl10, Eng69, Erun16, ES03, Fen79, Fer15, Fey78, Fey89, Fis69, Fit11, Fit14, Fit15b, FB17, FC08, FB11, Fr78c].

**education** [Fre78d, Fre79b, Fre81, Fur07, Fur19, GCG14, Ger81, Ger88a, GK79, Gof93, Gol03, Gra88, GRI83, GB17, Gui17, GB01, Gun78, HV78, Han10, Har81, HEW10, HJ12, How73a, How73b, How78, How80, Hey73a, Jan09a, Jan81, Jmd08, Jv17, Jn18, Kap80, Kap78, Kps79, Kru93, KFS01, Kol16, Kol18, KLBMK13, Kry68, Lar86, Ler89, LXT02, Ltr14, Ltr12, Ltr16, Ltr70, LQ04, Lun12, Mac00, MCMV13, ME13, Men71, Mor14a, Mor14b, MHH90, Mur95, Mwa02, Nar16, Nol12, NEM99, Olu78, Ott07, PVR12, Pai15, PA14, PvP12, PW03, Pur78, Qua92, RR17, Rev17, Rev72, Rev78, Rool19, RL11, Ros78, Rot12, RW19, Rut94, Rut10, RNM12, SC17, Say94, Sca71, See11, Sen96, Sfa13, Sha78, Sili13, Sim94, Sim17, SEC13, Sko85]. **education** [Sko90, Sko94, Sko16, Sif95, Siri8, Sta11, SW92, SB12, Str87, SS88, Swe77, SC83, Tal08, Tao86, Tuo90, Tre93, Tur93, Van93a, Van03b, VVV15, VD78, VD79, VCS95, Wil78a, Wil12, Wil16b, Wil78b, Wit84, Wit95, Wit01,
Educational [Ano09b, Gre01]. eigenvectors [ST10]. eight [Han89]. Eighth [CO10, Min83, SV09]. eight-grade [SV09]. einerseits [Ott76].

Einführung [Bec77]. Elaboration [LDM92, LDM92]. electrical [Rot14]. élémentaire [AR82, FPM69, Gl67a, Roy81, Sen96, TSV82]. Elementary [Cre06, FPM69, GB17, HDM07, HBH07, MF17, NN07, Sel01, Sty07, Tie02, Uhi02, Uhi03, War06, Ala12, And79, BH94, Bur02a, Cha18, Csi16, DRR02, Eng71, Fre74b, Gel98, Gl67a, GFWL11, GS76, GPPT99, HOS13, HC95, IWF15, Jan09b, JM74, LS70, Law00, LR13, Row08, Roy81, Sen96, Ste97, TA08, TSV82, Tie00, TG89, Tou86, TP15, ZZ11]. Elements [Bar07, Sed69, TLM07, TLM07]. élève [Aud83, BC78, BC82, Cop98]. Eleven [IT77, Dem93]. eleven-year-old [Dem93]. éléves [Sen96, Bal80, DeB97, Deb06, Dem93, Her11, Kon72, KC73, Rob86, Sam85, Sw73, VT78]. Elfriede [Ste94]. Elizabeth [Fer15, HSNHHE15]. Elke [Gre17]. Elkonin [OTT6]. Ellerton [Ste13]. Ellipses [Rut02]. elliptic [KP10]. else [NHN03]. emancipation [Rad12].

embedded [RK17]. Embodied [Abr09, BR06, NEM99, Wil09, NF09]. embodiment [TR11, dFS12, dLT08]. Emergence [SS05a, AGP15, Dam87, FGG13, HMA11, PA18, Pro13]. Emergent [CB05, vO10, DR13, HS99, LE09, PAW15, Rad00]. emerges [Kie01].

Emerging [ABK10, SP19, BF96]. Emeritus [Ano16b]. Emma [An14a, FM14]. Emotion [EMT06, Rod06, TL15]. Emotional [BR06, ODV06, WW02, KLH08, LM11, MSdSGG16, PCP19, See11].


Encouraging [Boa93, TT91]. Encrypted [Whi09]. enculturation [PT09]. End [VS97, De 93, Une74, Her11, Lev92, Di 19, Sen96]. ending [TT01].
Ends [Zaz98]. enfant [Bic82, Com80]. enfants [AV76, Com77, Kra02, Mas69, Rou68, Van69b]. enfeeblement [Ham68].
Engage [STM06, CBSPI2, LMCG08]. Engagement [Cal94, WI01, Bra14, CSS+14, Dib19, DLK14, TN15]. Engaging [Ell13].
effect [AV76, Com77, Kra02, Mas69, Rou68, Van69b]. engineer [BW13]. engineering [BP80, Win03]. engineers [GK79, Has68].
English [Coo98, HMA13]. English-Medium [Eva07]. enhance [QM94]. Enhancing [MPdP17, Wal17].
enigna [ARHS14]. enjoyment [SLP+12]. enlightenment [KD10]. enough [Als02, Dho93]. enqu^etes [Del68]. Enquiry [FA76].
enrollment [Ecc85, Wai70]. enseignants [SB97]. Enseignement [Fis69, Pis68, Ano72a, Ano08D, AV76, Aud83, BD72, Cas69b, CGGG74, Cas77, Del68, Fre69a, Fre82, Gau69, HK90, Kry68, Kry69a, Kry69b, bL00, Mar69, Mas69, Pas78, Rev68, Rev72, Roy81, Sar02, Sen96, Ser69, Siw73, VD78, VD79].
enseigner [Ser68]. ensemble [TLM07]. Enseñanza [Cas98].
Entanglements [Fer15, HSNHHE15]. enterprise [AM14]. entrance [SC83].
entre [Bal88, DG89, Her11]. entry [Kae90]. Entstehung [DAM87].
Entwicklung [JSV75]. Enumeration [MDD04]. Environment
[GH98, Kap01, Mar00, BCFC90, BC96, Dag96, DG89, HSZ17, Kyn93, LDM92, MG00b, MN95, TAH08, Tro00, Wal12, Whi09, YS12].
Environments [Lab00, Art97, BsdCdA18, For95, HHS00, HN96, HS99, LH18, LBFM13, PK92, TY04, Tro04].
environnement [Dag96, DG89, LDM92, Tro00]. Environnements [Tro04]. episode
[Cli17, DGFT13]. Epistemical [RL13, RC94, SHAC01]. Epistemological
[DA09, Jah01, Ste97, Ste95, Ste06, Wi97, Hei75, NBZ12, Rad03, Ste87, WM09, WMM13]. Epistemologies [SO00, NPH99]. Epistemology
[Han98, Kid16, Ott06, BP15, Bur95, Sch11a, Ste91]. epos [Ton90]. épreuve [Man85]. épreuves [Dum82]. Equal [SLW98]. Equality [SLW98, Kie81].
Equation [GR97, PM97]. Equations
[PM97, CO10, Hew12, HC14, LH96, Rie13, Ves73a, Ves73b, Vla02, dLT08]. equitable [Han12b]. Equity [Sen79, FB11, SJS12, ZKC18].
Equivalence [Ham06, Asg09, SK13, SSP04]. Equivalent [Ham06]. era
[Cra96, KK10, Art15a]. Erna [HJ12]. Ernst [Ste98]. Errata
[Ano75b, Ano75c]. Erratum [Ano70b, Ano95d, Ano96d, BGW+16, CB17a, GSH16b, Kae94, KKB+17a, MKL16a, Par15a, RW11a, SMSW13a, WH15a]. erreurs [TLM07]. Error [FZ05, GCALB15, Kar16, SGCA18]. errors
[Bro14a, Cla83, Cle80, DVJVo2, LBT07, Son13, TLM07, Wat80, ZML87]. ESM [Dre06, HS02, LXT02]. espace [Bal88]. Essai [Gau69, Kon72]. essay
[Han12c, PW03]. Essays [Pai18, O'B76]. essential [Kry88b]. essentiel [Kry88b]. Ethical
Ethnomathematics [RC04, AAB03, Bar96, Knii12, Pail11, PF11, RC02].
formelle [Siw73]. former [Bak19b]. Forms
[Ern99, Gra99, Nte06, Tir99, Blo03, HP08, RP07, Rut90, RDH09, vO01].
foster [Güç16]. Fostering [Kom17, SA07, WZ86]. Foucault [Kol16].
Foundation [Jon00, Ste71, IRA16, vBP19]. foundations
[Bos93, Cha18, Fle76]. founder [Bec19]. Four
[AM97, Add72, Add75, Add76, Add82, Add93, Ano72a, Ano00h, AP75, AL00, 
AV76, AR82, Art97, AG02, Aud83, Bal80, Bal87, Bal88, BC92, BZ01, BD72, 
BC78, BC82, Bic82, Bos87, Bra68, Bul76, Cal94, CB89, Cas69a, Cas69c, 
Cas69b, CGG74, CDG76, Cas77, CGGG72, CGGG79a, CGGG79b, Cha71, 
CGS76, Com77, Com80, Cop98, CLR16, Dag96, De 94, DeB97, DS02, Deb06, 
Del08, Del09a, Dem93, Díe70, Dou76, DPG89, Dub84, Dum82, DG89, DP77, 
Duv83, Duv91, Une73, Une74, Fis69, FPM69, FBM71, For69, Fre69a, Fre69d, 
Fre82, Gal69, Glb68, Glb67, Glb77, GT95, Gro77, Hal99, Her11, Hol69, 
HK99, Kon72, Kra02, Kry68, Kry69a, KC73, Kry69b, Kry88a, Lab78, 
bl00, LD88, LDM92, Lev92, L79, Mar69]. French [Mas69, Mau85, Mes89, 
Miy17, Mot71, Nim77, PPR08, Pas78, Pas68, Plu79, Pro70, Rev68, Rev69, 
Rev72, Rev76, Ric04, Rob95, RR05, Rob86, Rom74, Rou68, Rou69, Roy81, 
Sam85, Sar02, SB97, Sch92, Sen96, Ser68, Ser69, Ser76, Siw73, Str08, SLM79, 
TSV82, TLM07, TB90, Tro00, Tro04, Van69b, VD78, VD79, ZP91].
frequencie [Fre72]. freshman [Gof77]. Freudenthal
[Add93, Ano04c, Ano06b, Ano16c, Gre17, Van93b, Add93, Ano90d, Bec19, 
Bos93, Kei93, Pea76, Str93b, Tre93, Van93a]. Fried [Fit15b]. frontiers
[Ely10]. Fun [Moy10]. Function
[AS97, SL97, BIE82, BDHN92, Car18, Güç16, Lun12, MZ18, MPG12, PS+18, 
Par15b, Par15a, Prz04, Ron15, Saj03, San11, TN15, TK14, Yer00. ZER17].
functional [B04, BBG+17, Vol86, Wil16a,YG99]. Functionality [Gor98].
fuctioning [Sam85]. Functions [AWL15, BBEG05, Ham06, Mes04, Mos04, 
Blo03, BC96, CS94, Cor17, Eve90, FLM07, FBA10, GKL71, Har09a, Kar02, 
Kol18, SD95, TMP10, WAL18, WT14, Wth09, Bos87]. Fundamental
[DDLZ97, II05, Bur96, DDLZ94, Gru13, Hah75, Hei75, Law00, Mas69, MW09, 
Thi94b, Wit80]. Further
future-oriented [LK14b]. futurologist [Tal08]. futurs [SB97]. fuzziness [MZ18].

G [Art19, Mor00, Sfa15, vBP19]. Gabriel [Gue19]. Gabriele [Hes13]. gains [NCMO15, SL94]. Game [Har09b, SE93, Gal73, LS79, Nil07, vdHPKR13].

Games [Bas69, SL06, Kni12, SLAY19, SK69]. gaming [Enn86]. Gap [SZ07, ABvP02, HL94, LLW07, LH96, LW99, ZWMR16]. gaps [BDS+17].


Gender [BH, Che89, For95, HH88, LLHL13, Rel96, Say94, TWL95, Tie00, Tie02, VL04, ZKC18, Ade98, AC95, Jun91, KM93, SC17, TF95].

Gender-related [Tie00]. gendering [FLT14]. general [BD72, FC08, LBT07, MPG12, MP84, BD72]. generalisation [SZ14, FF17, MW00].

Generalisation [WC09, S09]. Generalization [ZL02, JE14, MP17, EI 18, Riv10]. generalizations [CK15, TA98].

generalizing [ID95, Wil16a]. generate [Nar16]. Generated [Ber06, Bur05, WS08]. Generating [SMSW13b, SLC95, HKG89, IMR+11, Shr10, SMSW13a].

Generation [DH97]. generative [RL04]. Generators [BC05]. Generic [MP84, YE16].

Genetic [Sch83, Zas71, FP07]. genre [PW03]. geoboard [Har74, Har75].

GeoGebra [Zen18]. Geology [Wi05]. géomètre [AG02]. Geometric [Lev71, MMBD05, Nar00, Car10, FQL+17, HKG89, KR11, McD89, VO17, WR96, Yan11].

Geometrical [Eng71, Kyn93, TMP10, CH13, GP90, Ger88a, GB01, KSL11, LL13, Mit80, MB19, PPPP14]. géometrie [Aud83, CDGG76, CLR16, Hol69, HK99, Mes89]. geometries [Ste76].

Geometrieunterricht [Wal76]. Geometry [Ano71b, Ano74b, Bar07, BH11, Fre71, HHS00, Jon00, Lab00, LR51, Ano71a, AG02, Aud83, BS00, Bjo04, Bos93, Bra11, CDDGG76, Cha93, Chi98, CLR16, Cox71, Egs70, Ern86, Fe79, Fe79, Fl76, GL10, Gal11, Gla70, Goo07, Her02a, Hol69, HK99, Hoz71, Kp10, Kc71, Kc71, Kp10, Kel71, L13, Mit80, MB19, PPPP14].

German [Bec77, Beh68, Bra13, Dam87, JSV75, Sel01, Van76, Wal76]. Germany [Ano74b]. Gert [Law16]. Gestalt [Sha98]. Gestion [DG89]. gesture [YTD11, dFS12]. Gestures [APRS09, Edw09, ART15b, CH13, FS16, HH11, LLD14, MB09, Ng16, Rad09, Sfa09, WFCW15, YTD11].

Getting [SWG05]. Ghosts [Har87, Vog70]. gifted [Lar86, SOC86, Tao86, WZ86]. giftedness [Pre86]. Giorgio [D'A10].

imitative [Lit08]. immigrant [GdA09, Tak18]. IMO
[Ano77c, Ano77b, Ano78d]. Impact [Bus05, FKIA15, Mal93, Pal08, Cla85, 
FV13, FB11, IM19, Lam15, SS93a, VDWW04, WSU19]. implementation
[Gue19, Zaz99]. Implementing [MG00a, CP10, HN08, kSL13]. Implication
[DS02, GT95, Dung82, DG03, HK02, Vre69]. Implications
[ES03, GC90b, KB07, O’B77, Abr01, Har09b, Kla71, PF11, Sin03, 
SV13, TK14, Usi74, dA00]. Implicit [TPHS07, BNPG97, Giñç16].
impliquées [BD72]. importance
[Bat13, BDS+17, GBMB70, Han12d, IMRS07, KWF15, MS99]. important
[EPH18, Fey89]. imported [HEWJ+15, VM13]. impose [Rue13]. Improper
[LV02]. Improve [ACJO04, FQL+17, FG84, Kra02]. Improvement
[Van94, Wal17, Beg69]. Improving
[WD05, Jak71, Gai11, JSJ12]. in-action [OB11]. in-depth
[DVJV02, HMA13]. In-service [Gut92, Gra04]. in/for [Kle02]. in/of
[dFS13]. Inappropriately [VVV15]. incarnate [BR12]. incident [Tur76].
Include [LW99, NBE+12]. Inclusion [Roo19]. inclusive [Sol95].
incompatible [KZ16]. incompréhension [Add75]. inconsistent [RDH10].
inconvenient [Kle12]. incorporation [Mat03]. Increasing
[Kom16, AS17, Kap09b]. Independence [Tay91, Mau85]. Independent
[DS05]. India [Kap78]. Indian [PF11]. indicative [Kno77]. indicators
[ME13, Men07, Lan81]. indirect [Lor85, PvdHPR12]. Individual
[Kru13b, GP17, RWZ15, DP77]. Individualization [Gau69]. individualized
[KS69]. individuelles [DP77]. Indonesian [SS88]. induce [CPF09, Sfa15].
Induction [Chr69, AH76, AL78, Errn84b]. inductive
[Kyu93, MP14, Sim96, SK69, SLM79]. inductrices [SLM79]. industrial
Inference
[WM98, And09, IS08, IS09, Jur77, Ric04, ST02, dVSKvO18, Ric04].
inferences [MMP15]. Inferential [Wat01, Wat02, Mak14]. inferred
[FYA12]. Infinite [Tsa99, MPGDA12, RW11a, RW11b, Tal80, Tsa01].
Ininitely [Kle01]. infinitesimal [KK10, TK14]. Infinities [Jah01, Tal01].
infinitude [ZK15]. Infinity [DWMB05b, DWMB05a, Fis01, Mon01, TTO1, 
FTH79, KT15, KC12, LMW91, Tal80]. inflection [TO13]. Influence
[CBF07, Deb06, Gat06, GCALB15, Mau85, Cha18, Dum82, HBZ99, Jn07, 
Kae90, Nos88, Rut90, Wat02, Wha96, Deb06, Mau85]. Influences
[Car99, GC00, Lin88]. influencing [Cas04, Jao03, KČ12]. Informal
[ABvP02, Wat00, Way94, Bae16, Mai85, Mak14, MMP15, MO94, O’B76, 
Van03a, dVSKvO18]. informatics [BF96]. Information
[Art02, SOC86, BCLH89, Cra96, Lin90]. informatique [Dag96, Sam85].
informatiques [Art97, BL00]. informatisés [Tro04]. informed
[AAB03, RC02, RC04]. infrastructure [Kap09b]. infrastructures [HP08].
Inhelder [Kap74]. initial [Hod96, PH96]. initiated [WD14]. initiating
[Mey10]. Initiation
inner [SG08]. inner-city [SG08]. Innocence [VS97]. Innovation [BEW99, Ern84a, vO13]. innumeracy [Tre91]. Inquiry
[Adl97, Tou71, Zaz98, CP10, Elb03, GFJ13, Han12a, SLAY19]. inquiry-based [GFJ13]. inserted [BF96]. inservice [SS93a]. Inside-Out
[Alb00]. Insight [Mac78, Gri71]. Insights
[GT90, Wal17, Woo96, YM16, CPP09, CPPC18, HJ12, MS14, WWFC16]. Inspired [Ber06, Bur05]. inspiring [KMT16]. instance [Mos98]. instances [SL74]. instantaneous [Sch92]. Institute [Van93a]. Institutional [Pop88, RG01, AV08, Har09a]. Institutions [Cas04, SC83]. Instruction
[Ano04c, Art05, Ano78b, Bat13, Beg71, BN91, BR89, CHM83, Chr69, CR09, CBSP12, Del69b, FKIA15, Ge98, GBE13, GST2, GS76, Han12b, Han12d, Hes13, HC82, Kra93, KMA02, Lev81, Mat03, MLL19, NK17, Ano95e, Ano04d, How84, Tsa02, Ric10]. Instructional [AAT99, Han10, MHDC04, Ade98, Bra11, CDW14, CBSS96, HAMSBR19, Kae90, Tho84].
Instructions [Ano00f, Ano00g, Ano11b, Ano01c, Ano01d, Ano01e, Ano04e, Dim04, SS05b, Ano02d, Ano02e, Ano02f, Ano03c, Ano03d, Ano04f, Ano04g].
instructor [FC12, HOS13, TJHD11, WFCW15]. instructors [MG12]. Instrument
[BP80, DB86a]. instrumental [DDB+10, MB19]. Instrumentalism [MO81]. instrumenté [CLR16]. Instrumented
[FGA94, Kry69a, Tre87, HP08]. Integrating [Eve99, NBZ12, CP10, WqWL18, Witt84, bL00]. Integration
[Ass05, AG02, BA14, Boa93, Edw09, Fre69c, GBE13, LE09, NK17, Ort83b, Sch12, Zen18, AG02, Cas69c, Fre69d, BL00, Cas69c, Fre69d]. intégré
[Kry69a]. intellectual [Fis69, Ham68, Hey07, Kap69b]. intellectually
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[Sch11a]. Interaction
[CYW92, DEM98, Jun91, MHRSU99, Mos04, Rad11, SS05a, Ste06, Bar03, Elb03, KP10, Kh07, Led87b, Lor82, RR11, Ste97, TL15, TZLT95, Rad11].
interactional [Kle12]. Interactions [AS04, AS05, AS17, BSCSaA18, Flü05, Sol06, XM17, Bat13, CF00a, HM13, RN12, WSR11, dA00]. Interactive
[BS94, OPC+98, BH94, LSH09, PPG95]. intercept [Mos98].
Intercorporeality [RR11]. interdependence [Tay91]. interdisciplinary
[Con90, KLBMK+13]. interest [SLP+12]. interface [MPS12, Wak14].
ingering [NT75]. Intergenerational [Zev04]. interior [dF04].
intermediate [Hed85]. internal [Kae93, Kae94]. International
[Ano70, Ano71c, Ano72b, Ano74c, Ano74d, Ano76b, Ano76g, Ano77c, Ano77b, Ano78d, Ano91c, Ano04c, Ano04d, Fre78b, Han98, Ric10, RD92, Bal90, BGSW94, DT08, FLT14, Fre69a, Hes13, TE14, Ano74b, Ano95c, Art05, How84]. internationally [Fre75]. Internet [EH05a, EH05b].
Interplay [MMB05, Ste05, CH13, Kid11, MYM12, Ng16]. Interpret
[NC06, Son13]. Interpretation [Coo98, Rut05, LT86, RT14, SL19, Sko16].
Interpretations [Jon00, SLW98, Cal12, Deb06, ES03, Deb06]. interpreted [BGT17]. Interpreting [RL04, SL06, Wal12, BCE+19, SMFL19, WM01].

Interrelated [HMT13], interrogation [Wal10]. intersection [Pai16, Wei17]. intersections [dF04]. Intertextuality [RFP14]. intervening [Bis76].

Intervention [BGW+14, BGW+16, BJ88, Deb06, FQL+17, Feb69, SS91, dVSKvO18].

intervention-based [FQL+17]. Interventions [DEM04, Lun77, NK17, SS17]. Interviews [Coo98, Dah04, HBZE98, HS13b, KH07]. into/influencing [Jaw03].

introducing [AP01, Har75, Prz05, WBM+14, ZK15]. Introduction [Dor03b, FWM85, LPG05, LH08, Mar00, RFK07, REA09, VT12, ZBEH06, AL00, BBS07, BTV19, Bec77, BW08, Bro10a, GB14, HMG19, Kru13b, Law16, Pap71, Pic71, RD92, Gla68].

Intervention-based [FQL+17]. Interventions [DEM04, Lun77, NK17, SS17]. Interviews [Coo98, Dah04, HBZE98, HS13b, KH07]. into/influencing [Jaw03].

introducing [AP01, Har75, Prz05, WBM+14, ZK15]. Introduction [Dor03b, FWM85, LPG05, LH08, Mar00, RFK07, REA09, VT12, ZBEH06, AL00, BBS07, BTV19, Bec77, BW08, Bro10a, GB14, HMG19, Kru13b, Law16, Pap71, Pic71, RD92, Gla68].

introducing [AP01, Har75, Prz05, WBM+14, ZK15]. Introduction [Dor03b, FWM85, LPG05, LH08, Mar00, RFK07, REA09, VT12, ZBEH06, AL00, BBS07, BTV19, Bec77, BW08, Bro10a, GB14, HMG19, Kru13b, Law16, Pap71, Pic71, RD92, Gla68].

introducing [AP01, Har75, Prz05, WBM+14, ZK15]. Introduction [Dor03b, FWM85, LPG05, LH08, Mar00, RFK07, REA09, VT12, ZBEH06, AL00, BBS07, BTV19, Bec77, BW08, Bro10a, GB14, HMG19, Kru13b, Law16, Pap71, Pic71, RD92, Gla68].

introducing [AP01, Har75, Prz05, WBM+14, ZK15]. Introduction [Dor03b, FWM85, LPG05, LH08, Mar00, RFK07, REA09, VT12, ZBEH06, AL00, BBS07, BTV19, Bec77, BW08, Bro10a, GB14, HMG19, Kru13b, Law16, Pap71, Pic71, RD92, Gla68].
judgement [JI15, Rut94], judgements [FNMR1]. judgment [Jan74].
judgments [LD88], Jugements [LD88]. July [ANO70, ANO72b, ANO74c, ANO74d]. June [ANO71c]. Junior [BZA01, Che89].
Jurdak [Edd18]. Just [CH02, WHE08]. Justice [All99]. Justification [KD10, Cha93, MPdP17].
Justifications [MS19]. juxtaposition [HOS13].

Kaiser [Hes13]. Kanamori [Han98]. kann [Van76]. Kaput [HN08, LH08, Tai08]. Karai [GB19]. Karin [Han12a]. Karp [Law16].
Kappa [HN08, LH08, Tal08]. Kara [GB19].

Karthik [Gau14]. Karin [Han12a]. Karp [Law16].
Kappa [HN08, LH08, Tal08]. Kara [GB19].

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Learn [CRL06, Gra99, MCB05, McN00, Bas17, Bye15, EPQH18, LK14a, NT19, Sfa01, Way94, WvdHPD15, WJW11, YM16]. learnable [Nos01]. learned [Osl12, dF12]. learner [AS04, Bro14a, Han19, HMG16, Hin15, Ng16, RBWS18, RL11, WS08, AS05]. learners [Bur87]. Learning [Adl19, AGP15, Ano76d, Ano98i, AI07, BH05, BZBM15, Boa99, Bro14a, BEW99, CBF07, Cla07, Cre03, Dah04, DH97, DEM04, DEMW06, Duv06, Elb03, Fra13, GH98, GSE07, Haz99, Jaw03, Jon82, KFS01, LaC14, Lab00, LJW13, Ler01, LHZ95, LW94, MMBD05, Mos04, Mos07, NBD*04, Nic98, NC06, OK05, PBY03, PBR*04, PDV07, Pla14, SL06, Sim94, Ste05, Sto71, Str03, STM06, Tir99, Van77, VM13, Vin97, Wat78, WD05, WMP08, Zas05, vSBvR00, All85, An09, Ant96, Arc03, Art97, Bel79, BCFC90, Bju04, BDCA18, BC08, BC12, Bro16, CMW*13, CHM16, Car10, Che18, Che88, Chu10, Cla02, CYW92, CBSP12, CLR16, Di670, DPG89, DL94, Duv91, ELL13, EPQH18, Eva99, FFL80, FvM97, FP85, FF17, FG17, Fis77, FTA10, For95, FT00, GP90]. learning [Gal11, GFWL11, GMNB18, Gra04, Gre12, Gu16, Had78, Han12b, Han12d, HS13a, Har73, HC95, Hea81, Hee78, HBZ98, HS13b, HS99, Hwe12, HM13, HMG19, HMSBR19, HMG15, Hof77, HP03, Hoy82, Hoz81, Ior17, Jon18, Jee71, Kae88, Kae90, KK12, KT01, KB12, KC09, KR09, Kru13b, KR11, KL14, LH71, Loc92, MG00b, MDPW96, MS14, MR17, Mot71, Neu99, NCM05, NCS08, Ott11, Pla18, PSE87, RSS11, Rad14, RL00, RE06, RO09, RF14, RIA17, RH02, SDM69, Sca75, Sch92, Sch12, Sch11a, Ser76, Sfa01, SD13, SW94, Str84, Str85, TN16, Tak18, TA08, Tar09, Tic12, TMP10, Tr00, Tra04, TE14, Tzu07, Voi94, Wef92, WM09, WH09, WS18, WIL71, WOO96, CL17, Day96, HB05, Wal71, Wal17, Wal17, Tsa02]. Lebanon [SC17]. lecture [FC12, Wai70, WFC15]. lecture-based [FC12]. lecturers [Kei93]. lectures [PKP+18, WWFC16]. lecturing [MGP75]. Leen [Dor03b, Pre03, PVHP03, YSU03]. left [Tro00]. left-handed [Tro00]. Legacy [PVHP03, Art19, Bag08b, Gre01, Str94]. Legitimacy [Baz01]. Length [DVJ98, Jer73a, Jer73b]. lens [Cor17, GBC12, Kle12, McC14, MTBR16, Nol12, NH15, Pre16, SLAY19, Sty11, Von16]. lenses [DGFT13, KHRK15]. Leone [Wil78a]. less [Jon82, SLM79]. lesson [MW09]. lessons [Chr00, EK10, Hin15, LE09, dF12]. Letter [Tri04, Wil05]. Letting [MD01, LJW13]. léètude [HK99]. Leung [Jon16]. leur [VD78]. Level [An08i, DEM04, Haz99, Nar00, ADE98, BN77, iD95, GS76, Gu13, Har09a, Hed85, JE14, Kra93, El 18, PRR08, Par91, RW15, Rü13, Sem08, Sha77, Ste68, Vil71, Vin77]. Levels [Miy00, PP12, MY84, OKL87, Van76, Was15]. Leveraging [Wal17]. Lexical [HEWC10, HEW10]. Li [Hes13]. liberal [Zev96]. liées [Add76, TLM07]. liés [Art97]. Life [LW99, FB11, TB09]. lifelong [TE14]. light [Add93, GM08, Sch16, TPHS07]. like [MF17, Shr10]. Lima [CRL06]. Limit [MD01, FPS16, Gu13, Kid08, KT15, Prz04, Roh08, Roh10, TK14]. limitations [Gue19, Tri95]. Limits [BBEG05, Ber06, Bur05, Har09a, Pai18, Rad03, Sie87, TV81]. line
Material [Fer15, HSNHHE15, dF16, Gel04].
Materialien [Dam87].
Materialist [FF17, dFS13].
Materials [Eva07, NC06, WD05, Ano74a, Dam87, FM14, Rot16, Sin03, SHAC01].
Math [BHX97, HBB07, Nic02, BS95, BAZF04, Chr00, Lev81, MHH90, Whi87, WJW11].
Mathematical [HR00].
Mathematically [PW03, SLP06, Zev04, Bye15, GSH16a, GSH16b, Kis86, LaC14, Lev10, Ryv04, SGTK14, WZ86].
Mathematician [Bes12, Dho93, Hem10, Kla71, MJ15, Pas78, Pol76, ST10, SRB16].
Mathematicians [Bur98, Add72, DW17, Ell86, Gri68, LW14, MRW14, PB00, Shr10, Wat80, WMR11, WJW11].
mathématicien [Add72].
Mathematics [ABK05, ACJO04, All99, AF05, Ano72a, Ano74b, Ano76c, Ano88e, Ano98i,
Ano02c, Ano04d, AAT99, Ass05, Ayd90, Bag10, BT05, Baz01, Bec80, Bes07, Bis88c, Boa99, BW12, Bur98, Bus05, CF03, CBF07, Car99, CWL07, Cha06, Che88, Cla07, Coo98, CH02, Cop98, CRL06, DS06, Dör03a, DS05, Du06, EH05a, EH05b, Ern99, EMT06, Eva07, Fre82, Fri07, GH98, GSE07, Gaf06, Goo07, GP01, Gra99, GL00, GD99, Hä68, Han89, Han98, Han06, HDM07, Har73, HZ05, HbL05, IE07, Jaw02, Jaw03, Kai13, KP10, Kei82, Led92, Ler01, LH97, Lio06, Leu01, Leu05, Lib71, LYH18, Lio06, LVO04, MG00a, MDPW96, McN00, Mio00, Mro00, Mor06, MHDC04, Mos07, Moy01, Nar00, NBD04, New98, NN07, Nic98, NC06, Nis99, Nte06, Ong06, ODV06.

**Mathematics** [Osl12, OPC98, Pai19, PBY03, Pea76, PBR04, PSS19, PC98, Pre06, RR05, RD92, Rod06, Rog85, RC04, SLP06, SC17, See01, Sel98, Sen98, SSLM05, SK98, SA07, SG98a, Sid05, Sko04, Sko88, Sol06, Sou83, Spe05, SWG05, SK07, Str08, Sty07, STM06, SC83, TF95, Tio02, Tur93, VL04, Vin97, WW02, Wat00, Wat05, WWFC16, WI01, WW07a, WO07b, Wit05, Wit95, bMYT98, ZBEH06, Zas05, ZCO6, Zev06, ZM91, ZS07, dKV18, AAB03, Ad75, Ade98, Adl88, Adl19, AV08, Al81, AH00, And09, ARHS14, Ano68a, Ano68c, Ano81b, Ano14b, Arc03, Arm69, Art15a, APRS09, AC95, Bac89, Bag73, Bag08b, Bak16, Bal90, Bal71, Bar87, Bar03, BBS07, Bas17, BGSW94, BTV19, Bat13, Bau80, Baz90, Bec19, Bcg69, Bck10, Bel79].

**mathematics** [BCFC90, Ber19, BD72, BWD10, Bes12, Big70, Bis79b, Bis80, BH94, Bla78, Bla85, BN91, Blu02, Boa93, Boa02, BHN10, Bon14, Boo81, BR89, BF96, Boy16, BR17, BS15, BP15, Bra11, Bra14, BS94, Bro94, BSF96, Bro96, Bro08a, Bro10b, BC12, Bro12, Bro16, BSW16, Bur80a, Bur80b, Bur87, Bur95, Bur02b, BB03, BE84, Bye15, CDW14, Cas04, Cas69c, Cas77, CW14a, CPK08, CPP09, CP10, CWT12, Che89, Che90, Chr69, CEMP04, Cl12, Cla85, CL84, Cla92, CWYP92, CYW92, Con90, CO00b, Cd04, Cor17, CLSM17, D’A91, Dam87, Dar16, DVC19, Da71, DR13, DIW19, Deb06, Del69a, Die15, Dom11, Dom19, ID95, DCHM19, Dow96, Dra14, DK15, DDB10, DP77, Ecc85, Edd18, Ehr78, El 78, El 86, Elb03, Elb86, Ell18].

**Mathematics** [Ely10, Eng68, Eng69, EPQH18, Ern84a, Ern16a, Ern16b, Eva09, ES03, EK10, FZ07, FP07, FvM97, Feh69, Fen79, FP85, FPC190, FE09, Fer15, Fey78, Fey89, Fid85, Fis77, Fit11, Fit14, Fit15b, Fit15a, FB17, FKA15, FC08, FBA10, FB11, For95, FLT14, FA01, For69, FGA94, FI17, Fra96, Fre68, Fre8c, Fre78d, Fre81, FA03, FCN14, Fur07, FM14, Fur19, GP90, Gai11, Gal82, GC90b, GCG92, Gel98, Gel08, Gen70, GBMB70, Ger10, Ger81, Ger84, Ger88a, Ger88b, Gof77, Gof93, Gol03, GC00, GFJ13, GdA09, Gra04, Gra75, GPPT99, GM10, Gre17, GS08, GMH09, Gri83, GM84a, GM84b, Gro77, GT09, Gui17, Gun78, Gut07, Gut92, HYC97, HV78, Ham68, Han02, Han19, Han10, Han12d, Har09b, HS13a, Har81].

**Mathematics** [HOS13, Hea81, HP08, HOEF89, HEW10, HEWC10, HEWJ15, JJ12, Kes13, HM13, HMMG18, HC82, HB69, HIr1, Hol81, HMA13, HP03, How78, How80, Hoy82, Hoy95, Hoy01, Hoy07, Hud90, Hug74, HMT13, IM19, IWF15, Ior17, Ior18, Jan09a, Jan09b, Jan81, JP09, JK17, JM74, Jn07, Jon82, JMD08,
JV17, Jon18, JGR14, Jou13, Kae88, Kae90, Kae93, Kae94, KM93, KBK+17a, KBK+17b, KMT14, Kap09a, Kap70, Kar02, Kar10, KS69, KWF15, KT01, Kei93, KL82, KFS01, Kie01, KB12, Kla68, Kle02, Kle12, Kie12, Kol16, Kol18, Kom16, KMT16, K09a, K09b, KLBK+13, Kru13b, Kry88b, Kuec81, LK14a, Lan15, LS70, Lan13, Lan13, LM11, LZ08, LSH09, Law16, Law00, Led80, Led85, LJW13, LLW07, Ler89, LXT02, Ler14, Leu87]. Mathematics
[Leu95, Lev81, LX16, Lib77, LC13, LC15, Lin88, Lle12, Lle16, LW94, LMH70, Lor82, Lou18, Lun12, Lun77, Lyn08, Ma96, Mac78, MGP75, Mac00, Mai85, Mal93, MK91, MCVM13, Mar69, MF17, MSdSGG16, MS99, Mat03, McC14, MLL19, MS14, McQ86, ME13, MR17, MRFW+12, MG12, MY84, Mog17, MAHK08, Mor14a, Mor14b, MO94, MRC18, MA09, Mur93, Mur95, Mwa02, NT19, NBZ12, Nar16, NCMO15, NR10, Nol12, Nol16, Nor15, Nos01, NEM99, Ohu78, OKL87, PV12, Pai13, Pai15, Pai18, PKP+18, PRR08, PA14, PXTW17, Phel0, PPG95, PB09, Pim90, PW03, PK92, Pis68, Pla14, Pla18, Plu79, Pol68, Pol69, PSE87, PMG+94, Pop88, PNH98, Pre88, Pre92b, Pre07, PR08, Pro13, Pur78, Quad92, RR17, RBWS18, RW11a, RW11b, RL00, Re96, RK17, RR80]. Mathematics
[Rev68, Rev78, RL13, Rob95, RG19, Rob90, Ror19, Ror11, Ros78, Rot12, RM15, Rot16, Rot17, RW19, Rout8, Rout69, Rout95, Rout08, RCA98, Rut87, Rut89a, Rut94, RH02, RDHO9, Rut10, RN12, RNP13, SMFL19, SJ17, SS15, Sar02, Say94, SBDM96, Sca75, Sch12, Sch11a, ST08, She76, Sec11, Ser68, Ser76, SA00, Sfa13, SJS12, Shat8, SD13, Sii13, SS91, SS93a, Sin94, Sin17, SS03, SEC13, Siw73, Sko94, Sko16, Sol95, Sol12, Sro18, SV09, Sta11, SW92, Ste13, Ste97, SG98b, SB12, SPS17, SPF14, Str87, Str93a, Sin11, SLW83, SSS88, SW14, Swe77, TX16, TS18, TL15, Tak18, TV81, Tal08, TZL19, TA08, Tar09, Tav68, Tav91, Tav96, Tchi11, TR11, Tho84, THPS07, Thw69, Tie00, Tre93, Tre83]. Mathematics
[TJHD11, VC19, Van93a, Van03b, Van96b, Van76, VD78, VD79, Var76, VA18, VM78, Vin76, VCS95, Voi94, Vol76, WHE08, WHE09, Wagi12, Wai70, Waki14, WBM+14, Wai12, Wali17, WqWLR18, Wed99, WW11, WFC15, WHC09, Wha96, Whe92, WM09, WL90, WvdHPD15, WJW11, WS18, Wilt71, Wilt8a, Wilt12, Wilt16b, Wilt8b, Wilt69, Witt81, Witt84, Witt81, Witi10, Woo96, Woo12, WKB97, XH88, X19, YHL+15, Yan1, ZZ11, Zep81, Zev11, ZZ08, dA00, dF04, dF12, dFS12, dFS13, dF16, dV18, IRA16, vo13, vdi11, Fer15, Fur19, HSNHE15, MF17, Nim77, Sta11, TB09, Kae94, Gue19, Bak19b, Bec19, CL18, Edd18, Fit11, Fit15b, MW19]. Mathematics-for-Teaching
[DS06, Osl12]. Mathematics-related
[Han19]. Mathematics-teaching
[Rou68]. Mathematiklehrerberuf
[Dam87]. Mathematikunterricht
[Van76]. Mathématique
[Nim77, Add72, BD72, Bos87, Cal94, De 94, Del68, DP77, Fis69, Fre69a, Fre82, Her11, Kry69b, Kry88b, LS79, Rout68, Rout69, Ser68, Ser69, Ser76, Siv73, VD78, An00h]. Mathématiques
[Cop98, TB09, Add75, Add76, Ano72a, AP75, Bal80, Cas69c, Cas77, Deb06, Del69a, Du93, For69, Gro77, Hah99, KC73, Mar69, Mas69, MA94, PRR08, Pis68, Phl79, Rev68, Rob95, Ron74, Sar02, Tro04, Van69b, VD79]. mathématiques/réalité
[Hah99]. mathématisation
[Kry68].
mythologizing [WHE09].

Tal80, TT07, Tho90, TP15, VVV15, WD10, Yan19, Zaz99, Com77.

Numbers [LW99, Sel01, SZ07, Van84, Zaz98, AG14, Ano14b, BST81, Ber08, BLP+14, BC08, Cha18, DVT+18, Eke77, FJC95, O'B70, Ott03, Ste69b, Tha10, Usi74, Ves69, Ves71, Wat87, WSU19, Wit75, ZCPP13, vBP19].

Numeracy [GB19, HI05, IB05, Men07, Zev04, Cra18, Edw84, GCG+92, HMG16, MB16, TE14, GB19]. Numeration [GL98, AR82, AV76, BJ82, BJ88, SHAC01, AV76]. numeric [SK13, WR96]. Numerical [Ber06, Flu05, IB05, Une74, Gla68, HC95, LL99, LLHL13, El 18, Urb93, Wri94, JSV75]. numerical [Gla68]. numerique [Une74]. numerosity [LHS19].

nursery [WDvO19]. nursing [CW14b, NPH99]. nurturing [JTP94, JLTM97].


October [Van93b]. Odd [Zaz98]. Odds [Zaz98]. Offer [Mor06, IAP19].

Ohtani [LX16]. Oksapmin [Sfa15]. Old [De 94, Eva07, AG02, Dem93, Kie01, Mat83, Rou68, Sch16, SD95, Urb93, WC08]. Olds [FB02, Dem97, DB86a, DB86b, LH18, SS93b, Wri94]. Olsen [HN95]. Olwen [dF12]. Olympiad [Ano70, Ano71c, Ano72b, Ano74c, Ano74d, Ano77c, Ano77b, Ano78d, Ano76h, Ano76g]. olympiades [Rom74]. olympiads [Ano69, Bec80, Ger84, Rom74, SY79]. Once [ZG01]. One [Ano00h, BR78, BT04, DGFT13, Pla14, Dho93, DG03, FPS16, FC12, Lev13, RL00, SW95, Van76, VNM11, Vla02, Wai70, Wew90, Ano00h, PM97].

one-step [SW95]. oneself [ZW11]. Ongoing [DS06, HHDG16, Pai16].


Operations [GL98, FVJL+19, GSH16a, GSH16b, VVV15, Ves69, Ves73a, Ves73b, ZR18].


**Ornella** [Art15a]. OSA [MTBR16]. other [AGL17, BN91, Fra13, GS08, Sfa15, TE14]. Our [RC04]. outcome [LG16].

**Outcomes** [Che88, Baz90, HS14, KRHD15, TTTL10]. Outflow [Bec77].

**Outside-In** [Alb00]. overboard [Mat03]. **Overcoming** [YC90, FB17]. overshadow [GS18]. Overview [Han00, Lan81, Led85]. Own [DEM06, AS04, AS05, FM09].


poststructuralist [Kle02]. Potential [Bus05, McN00, Bar87, FFL80, KT15, PvdHPR12, SD13, Wal17]. potpourri [Sch71].


Power [Tak18, AV08, Han12b, Law16, PM16, Sko12, VDWV04, YHL+15].

Powerful [Kra93]. pp [Kae94]. pp. [Sri18]. practicable [NK17]. Practical [Sfa05, Eve99, IRA16]. practically [Lev10]. Practice [AAT99, BBEG05, BC05, GS08, HPG05, Jaw03, Kap77, Llo06, MHRUS99, Wod12, AI07, Bak16, Bos12, BR17, BB03, Car08, Eng03, Enn86, ES03, GFJ13, GdA09, Gra04, GBC12, GB19, Har09b, HMMG18, JGR14, Kra02, Lan13, LLW07, MDPW96, NPH99, PA14, PN98, Rad03, RDH09, SW92, Sut93, Tch11, Tho84, TB09, TW09, VA18, Wak14, XC19, dPQ16, Webi8a, Webi8b].

Practices [Bur98, Cha06, EMT06, Mes04, Mos04, Wat00, Bas17, Bon14, Bra13, Cre03, Ell18, FGG13, FA03, Har09a, HH11, HSMR19, IWF+15, KMT14, McC14, MJ15, Mor14b, No16, PRR08, SA00, Sou83, Sty11, TP10, WBM+14].

practitioner [RH02]. pratique [Kra02, TB09]. pratiques [PRR08].

praxeologies [BGT17, GBE13]. praxis [SB12]. Pre [BH10, DC92, DH90, KZ94, LK16, Lee17, LK14b, PSH+18, Bek10, Bis79b, DP92, DVT+18, Ell13, KPH10, MB16, MvdKM13, MLK16a, MLK16b, Phe10, SG14, Sin03, dVSKvO18]. pre-constructed [Sin03]. pre-kindergartener [MB16]. pre-school [DP92]. Pre-schoolers [DH90]. Pre-service [BH10, DC92, KZ94, LK16, Lee17, LK14b, PSH+18, Bek10, DVT+18, Ell13, KPH10, MvdKM13, MLK16a, MLK16b, Phe10, SG14, dVSKvO18].


BFG84, BSV95, Bor86, CHM83, CV16, Cre03, Del69a, Dom11, DS17, Ell86, FQL+17, Fey89, Fle71, Fre81, Fro99, GM80, Gli91, HC95, JR72, Jer73a, Jer73b, JHC14, KaSL83, KPS83, Kle71, KC73, Lan86a, LCD90, LG13, Lep90, Lev92, Lin90, Loc11, MF10, Mar69, Mar86, Di 19, MJ15, Nes76, NK77, NH94, PGE09, PvdHPR12, Pol68, RO09, SLP+12, SKR15, SAR19, SLS74, Sen96, SD94, SW95, SOC86, Sta89, Sun11, TSV82, Van94, VM13, Wha96, Wol83, IRA16, vLXD18, Ano72a, Par88, Ser76, Ser00].

**Procedural** [Vou12, dLT08, LDM92, PM00, Sae09]. **procedurale** [LDM92]. **procedure** [PvdHPR12]. **Procedures** [ABvP02, SS05a, Dem97, FZ07, Fos16, JMA19, MS19, RL12]. **proceedings** [Str08]. **procept** [Kid08]. **Process** [Bal87, DEM98, Kap01, PDV07, Riv07, Sha98, Bel79, Boa93, BSV95, BDHN92, Czo18, Dam87, DPG89, FBA10, GP90, Gal81, HGM15, HSZ17, Jak71, KT15, Kle02, Kry68, Lun77, MW19, Rob12, SMSW13b, Str84, Str85, Wit01, ZS15, Aud83, SMSW13a, MR17]. **Processes** [Alb00, BG05, Dah04, GBR05, OB06, OPC+98, Pug04, TSH06, Vin97, Bec77, FDR19, Ior17, KKF15, KAJHB10, MH97, Mey10, OB11, PR11, RW11b, SJ17, Sch16, Sch13, Sfa91, Tro00, Whi09, RW11a]. **processing** [CCW95, SOC86, SLW83, Wal12]. **Processus** [Aud83, Bal87, Kry68, DPG89, Tro00]. **produced** [MG00b]. **producing** [DVC19, NK17]. **Production** [BZ01, IMR+11, RFP14, BZ01]. **Productions** [WA04, DS02, Deb06, PM16, WB12]. **productive** [Kle02, LG16, Ryv04]. **Produire** [Rut02]. **profess** [LW14]. **Professed** [Spe05]. **professeurs** [VD79]. **profession** [Dam87]. **Professional** [Ano04d, KBK+17b, TS18, BR17, Bro14a, DK15, FB16, Gel08, Hah14, HMMG18, HMSBR19, HHDG16, Hey07, KL82, KR09, VC19, dPS16, KBK+17a]. **professionalisation** [Dam87]. **Professionalisierung** [Dam87]. **Professor** [Ano16b]. **proficiencies** [Zep81]. **proficiency** [EPQHI8, Isa87, RO09]. **profile** [DT08, Way94]. **profiles** [Phe10]. **Profound** [DR13]. **Program** [Lev71, PC98, CPP09, Eve99, GS72, Loc92, SS93a, Vil10]. **programmation** [DG89]. **programme** [GR71, HHDG16, HN08, JN15, PT09]. **programmes** [Une73]. **programming** [DG89, Kyn93, Nos86, SD94]. **programs** [Baz88, BF96, Une73]. **Progress** [Han98, WD05, Lie16, RWZ15]. **progressing** [Dra14]. **progression** [BBG+17, El 18]. **progressive** [MW00, Tre87]. **Project** [VC95, CWYP92, HS14, Lan81, IB05, Rog85, SA07]. **projectiles** [CGGG79b]. **Projection** [CDGG76]. **projective** [CDGG76]. **projects** [HI94, HB69]. **prologue** [TN16]. **promise** [McC14]. **promises** [Cra18]. **promising** [vSBvR00]. **Promote** [MHDC04, Fra13, SD13]. **promoted** [HMT13]. **Promoting** [HHDG16, HHS00, SKPS16]. **prompting** [SKR15]. **prompts** [DS17]. **Proof** [Ber06, Bur05, IJ93b, Han00, HP03, KDI4, Mar00, MMB05, Miy00, Siu93, Sol06, Sty07, SS09, Uhl02, Uhl03, WA04, AS11, Bel76, Bro14b, Bur02a, Cha93, DW17, Dho93, DRR02, FG17, FC12, GD17, Hem10, Her02a, IMR+11, Kom17, LG13, MP14, MRFW+12, Miy17, MFJ17,
quite [PAW15], quotidienn[e] [TB09].

reflecting [Kra93]. Reflection [AAT99, GSE07, Kil85, TZLT95, Bag10, BC12, Elb03, Güc16, HGM15, Str93a, Whe92, Hah99]. Reflections [ABK+05, Ano02c, Bur06, Eva99, Sfa91, SK07, AV76, Bju04, BK91, FA03, HS14, LK16, Roo71]. Reflective [Sen98, ZCP13, GP90, GE98, Wit81].


Rejoinder [Fre76a]. relate [KR11, Nol11]. Related [Bag06, EJDT06, And89, Art97, BA14, Bek10, Dar82, Eli85, FP85, FLT14, Han19, Kun12, Led85, SG14, Sie87, Tie00, TTL+13, TLM07]. relating [Dav71, FI17, Mau85, Sch11a]. relation [Arm69, BLP10, Cor17, Dör03a, FC08, Gol03, Hah99, Kie01, PCP19, PC10, RL12, Roy81, SPNH12, TT07, Tou71, ZBBZ85]. Relational [DLK14, Bat13]. Relations [AF05, KR73, Lab78, Bas69, BP15, DG89, NBE+12, TY04]. Relationship [MP14, Tch11, Bes12, BWHM+10, CRPPRG16, For95, FA03, Hah99, Kru13a, LL99, MY84, Ped07, RO09, ST02, SBDM69, Tho84]. Relationships [DCHM19, MK91, MM00, SMFL19, Zep81, aD00, AWL15, BBG+17, Bro11, DG89, MZ12, SR92, VP13, Will16a]. Relative [MH97, Wai70, JR72, Mau85]. Relevance [Fre82, Eng69, Tal80]. relevant [LT86, Mat03, Men71, Mog17]. reliability [Kno77, WBM+14, Fre82]. reliable [HH78]. reliance [CK18]. reliant [Wit69]. religions [CW14a]. religious [CW14a]. remarks [KC73, TS93]. remarques [KC73]. ReMath [AM14, HS14]. remember [Kar02]. Renaissance [Rad03]. rencontrées [SB97]. rendering [JSV75]. renewal [Bro10b]. Renuka [Edd18]. Repeating [TTL+17, Dib19]. repetition [Han12c]. Reply [Lan86b]. réponse [DP77]. Report [VVV13, Ano69, Bal90, Fre79b]. reporting [MO94]. represent [NT01, PK94]. Representation [FZ07, Mos05, Par91, BHH09, FKIA15, Jon18, Par88, Pir00, Sty11, YS12]. Representational [DG06, BC96, HP08, MAHK08, You16]. Representations [Bag06, Cal94, SR92, Arc03, BZA01, CO10, Cas69a, DC92, DT12, DL14, DK15, FV73, GDa09, Ior17, KZ94, MP96, MK97, MK14, Rad14, Ron15, SP16, TM10, TP15, Wei91, Wil16a, vLXDI8, Cal94, Cas69a]. representativeness [CM92]. represented [AWL15]. Representing [WM01]. reproducibility [ABM92]. Republic [Bec80, Swe77, SY79]. requiring [DS17]. Research [BB03, Bus05, FZ05, Fre82, GPW05, Jaw03, Kon93, Kru13b, LPG05, LMH70, M15, Mor00, Mor06, Nis99, Sec01, Sfa05, SS17, Tsao12, Aud83, Bak16, Beg69, Bon02, BGT17, BAZF04, Bro08a, BDS+17, Dar82, Dar16, ELL18, Eng03, ES03, FA76, Fre74b, Fre79b, Gol03, Had78, HM95, HS14, HJ12, Hoy01, HH08, JN15, JV17, KFS01, Kil01, Kle71,
LXT02, Lit08, Lun77, MR17, Nar16, NH94, O'B77, PV12, Pai19, PH96, Pop88, Pre16, RBWS18, RL00, Ron15, RTSK08, Sca71, Sfa13, Sim17, SMW11, SEC13, SB12, Tur93, Wal17, WMM13, Woo96, Gro77, Sri18, Sfa13.

Research-based [SS17, JN15, Ron15].

Researchers [Bar09, FB11, LYHC18, YHL].

Researchers [Wal17, BGSW94].

Researching [ABK+05, PV12, RL11].

reservoirs [Bec77].

residue [TP02].

resisting [Lam15, Wag12].

Resnick [Web18a, Web18b].

Resolution [TSV82, DC92, Cal94, Lev92, ZP91, Lev92].

resource [Ano74a, GMNB18, PXTW17, Pla18].

resources [APRS09, Chr00, Cra12, Ell18, Gue19, PPG95, RIA17, RH02, WJW11, Yer00].

respect [Van94].

respond [Son13].

Responding [Nic98, SMFL19].

Response [Led87a, MM00, Uhl03, Wil05, Bro12, CHM16, Car08, Ola14, PR08, RC04, SJ17, SC93, SS03].

Responses [CH02, Nar00, WW02, AWL15, DP77, SLC95, Son16].

responsibility [Han10, Han12d, ME13].

responsive [Fit11].

Responsiveness [OPC+98].

Restrictions [BBEG05].

restructuring [Noe80b].

résultats [CGS76].

Results [BGSW94, BJ88, KM93, SA07, Sut93, CGS76, Han89, Sin03, Str78].

retail [Zev11].

retention [McD89].

Rethinking [Bra11, HbL05, Rut94, Sta11].

retrospective [MRC18].

Reuben [Pai18].

réunion [DeB97].

revealed [GT95].

Revealing [HP12, Sie04].

révélateur [Art97].

revelation [RM15].

revelations [HEWJ+15].

reverse [GCALB15, SGCA18].

reversibility [SKPS16].

reversible [SJ17].

Revial [Sid05].

Review [ABW88, All99, Ano98a, Ano98d, Ano00c, Bak16, Bec86, Bur03, Cob04, Cra85, Dre07, Ell18, Eng99, Fer15, Fit11, Fit15b, Fur19, Gai11, GV83, GM10, Gre17, GB19, Gue19, Han12a, Han98, HSNHHE15, HJ12, Hes13, Jon16, Jv17, Kal13, Law16, Law00, LX16, MPS12, MR17, Mor00, MH89, Ott76, Pai18, Rad11, RC04, Rut02, Se100, Sfa15, Sta11, Ste13, Str08, Tsa02, Wal12, Wal17, Win11, Yam09, dF12, vBP19, AAB03, Ala12, Ano89a, ACS88, Art15a, Art19, Bel85, Bis80, Bro11, Dar82, Dav07, Daw94, Drec93, Edd18, Edw93, Ely10, Fit07, Fit15a, Fit17, FH88, Fre13, Han95, Han07, HK84, HC82, HFD82, JS87, Kap09a, LP91, Lun82, No11, ND88, Num95, PD91, Pim91, Pim93, PW03, PH96, Pre07, RBWS18, Ric10, RC02, Rut10, SJS12].

review [BS86, Siri8, TP85, Wal10, Web18a, Web18b, Whe96, Wit82, Wub92, Sfa13, Siri8].

reviewers [Fit09].

Reviews [LW83, AS87, BFG83, FH90, FKS82, FJAV6, GB88, LG87, PK84, SF84, SM83, WB84, WQTV85].

revisited [BM08, FYAE12, NBZ12, NH19, TT07].

Revisiting [Car08, Kei93, Ryv06, TP14, GSO8].

Rewriting [Ste13].

rhetoric [HR00, Kaa07].

Rhetorical [Ern99].

Rhythmic [PA18].

Ricardo [LQV04].

Rich [Lab00, DDB+10, Fos18, HS99, HSMBR19].

Richard [Bag08b].

right [DG03, MRSP14, Woo16].

right-angled [MRSP14].

rigidity [Hoz81].

Riley [Lab86b].

Rina [Rad11].

Ring [SS06].

Rings [Fre79a].

rise [Zah15].

risk [ALO+91].

Ritual [NT19, HSMBR19, LSS19, McC14, MLL19].

S [Jon16, Tsa02, DJW19, Dre06]. sa [Kra02]. Sacha [Gre17]. safety [CW14b]. safety-critical [CW14b]. Same [Tsa01, Tsa07, BJ88, Sfa91, VDWV04]. Sample [CRL06, CZ11, KL16, RRP91, ST02]. samples [AGP15, BZBM15, GLZB15, MMP15]. sampling [GLZBZ15, MPP15, NH15, PAW15]. sand [Ger88b]. Sara [SWG05]. savages [Car08]. Saxe [Sfa15]. say [LJW13]. scaffolding [GMNB18]. Scale [PFSS+19, FKC17, ZSL02]. scaling [NK71, RTSK08]. Schantz [Web18a, Web18b]. scheduled [Ano74b]. schema [Wol83]. Schemas [Chi98, CK15]. Schemata [FG97, Fis99]. Schematic [VF13, SJ04]. schematisation [Tre87]. schematization [GP17]. scheme [Sim15, Sty11]. Schemes [Riv07, HN96, HP03, Hum86, Kid08, MPZ16, NH94, RL13, SL95, Ste83]. Scholastic [BH97]. School [AR07, Asso05, Baz01, Dah04, DVJ98, Don99, Eng06, EMT06, FMP69, GS08, HZ05, Jur06, Lev71, Lit00, Mes04, Miy00, Pre88, Prz05, SK07, SPFGF14, Sty07, STM06, Tie92, War06, Wat01, AI12, Arm69, AG02, Bal71, Bar03, BNP97, Baz90, BJ82, BJ88, BZA01, BD72, Best12, Bla85, Boa93, Bra14, Bur80a, Bus96, BBFG99, Cas09, CDDG76, Cha18, Cha03, Cla12, Cra12, DP92, DS02, DVJV02, DVF18, Dow96, Ell13, Eng71, FJC95, FIA15, Fre74b, GC90b, Gla76a, Goo07, Gui17, Gut92, Hah14, Han12a, HS13a, Hay87, Her02a, Her11, HMMG18, HII17, HHDG16, Hol81, HC14, Hoz81, JK17, JGR14, JS01, Kap76, Kap70, Kar02, KK12, Kei71, KL82, Kle71, Kom16, Kom17, Kue81, LS70, LM11, LLIW07, Leu87, Lni12, Ma96, MvdKM13]. school [Mal93, MK91, Mar69, MG00b, Di19, MDPW96, MY84, MRC18, Nim75, Par91, Pop88, Pre92b, Pre70, RL13, Roy81, RDH09, Saj03, ST08, Ste13, Ste68, Sty11, SW14, Thw69, Tie00, Tou86, Tre91, TP15, VS13, Var76].
Whi87, Wil16a, WS18, XH88, Yan11, ZER17, dVSKvO18, vdHPKR13, Lib71.
school-type [Mal93]. schoolbooks [Bar07]. schooled [TDGV09].
schoolers [DH90]. Schooling [No16, Che88, Cla85, Led92]. Schools
[BBEG05, HBH07, Baz88, Cd04, Daw71, Fid85, For69, Gen70, Ham68, Kar10,
LR81, Lyn68, Mal93, Miy17, NCMO15, Str08, Tay91, dKV18].
Schoolteacher [PM15]. Schorcht [Fur19]. Schubring [Art19, Law16].
Schwarz [Rad11, Web18a, Web18b]. Science
[Kry69a, RD92, Ano81b, BP80, LMCG08, Wit95, Han98]. sciences
[Bag10, Feh69, Kry69a, Mur93]. scientific [HGM15, JSV75, MPS12]. score
Search [Len01, Str84, Str85, Vol86, Zev06, ARHS14, Kon72, Lle12, Sim96].
searching [Fit15b]. Sebastian [Fur19]. Second
[All85, CWYP92, Daw83, Has97, Jon82, PRR08, Rev72, RG91, Rob90].
second-grade [CWYP92]. secondaire
[Aud83, BD72, Cas69c, Cas69b, CGGGG74, VD78, VD79]. secondaires
[FBM71]. Secondary
[Bes07, CGGGG74, Cor17, DVJ98, Miy00, PBR+04, Prz05, Wat05, Ano69,
Aud83, BNPG97, BD72, BN77, Boo81, Car18, Cas69c, Cas69b, Che89, Cla85,
CB17a, CB17b, DVJV02, DVF18, FBM71, FT03, Fra96, Gal82, Gen70, Gue08,
Gui17, Han12a, Her11, HCl4, KPH10, Kae88, Kar10, KL82, Kom17, Kic81,
LR81, Leu87, Mal93, MK91, MG00b, Miy17, MLK16a, MLK16b, OrL71, PB09,
Rev72, Rüe13, RDH09, SaJ03, SMFL19, ST08, Ste68, SG98b, Tou90, VV15,
VD78, VD79, Vil71, VR90, WH15a, WH15b, Wil16a, XH88, vSBvR00].
secondary-education [Aud83]. secondary-school [RDH09].
Secondary-to-tertiary [Cor17]. Sectional [EJDT06]. sections [Ano84c].
seduction [BH11, Wag12]. see [GL10, HH11, LaC14, PAW15]. Seeing
[Han12b, MP84, Par88]. Seeking [Ely10, MS14]. seemingly [VJG19]. seems
[ZG01]. seen [KRRK15]. Seizing [Zas05]. selected [Jur77, TF95]. selecting
[LH18, MJ15]. Selection [Kis86]. Self
[Fri07, HC95, Mal06, PBY03, BS15, BAZF04, HGM15, KMT14, KR09, Phl79,
Rel96, SLP+12, SAR19, Sol12, TJ94, TTL+13, Wit69]. self-assessment
[BAZF04, TJ94]. self-checking [Phl79]. self-concept [Rel96]. self-efficacy
[SLP+12, SAR19, TTL+13]. Self-Knowledge [Fri07], self-reflection
[HGM15]. Self-Regulated [PBY03, KR09]. Self-Regulation [Mal06].
self-reliant [Wit69]. sellers [Hah99]. selling [TB09]. Semantic
[BEW99, Nar00, SW95, WAO4, Min83, NK77, NGR82, SLAY19, WB11].
semio [Ior17, Ior18]. senio-cognitive [Ior17, Ior18]. Semiotic
[AS11, BH05, Em06, GBR05, Ho06, Ong06, Ott06, SLQ06, Sch13, Win03,
APRS09, FLM07, Fri11, FDM19, MWVE09, MK14, Rad00, San11, See11,
SZP10, GFWL11]. semiotic/dialogic [FDW19]. Semiotics
[Mor06, Pre06, Ott11, PR08, Sch11a, TR11]. Senegal [VD79, VD79]. Sense
[MM00, PK17, Sel00, WG07, Bar96, CPPT+13, FC12, JTP94, LL99, Moo13,
Pal08, RFP14, Sch16, SM17, Sim96, Sla98, WD10, Wak14, Yan19].
Sensitivity [Jaw02]. Sensuous [RP07, Rad09]. SEO [MA09]. Seoul [XC19].
student

[GMNB18, GMHG09, Guc16, GS18, HTM18, HOS13, HBZE98, HS13b, HM13, HHDG16, HMA13, HMT13, IM19, JHC14, JM18, JE14, KPH10, KP10, KPS17, KB11, Kor03, KSL1L, KR11, Led87b, LK16, Lev10, Lev13, LC15, Mal93, MWSS17, MF17, Mar13, MSdSGG16, MPdP17, MMP15, Mev83, MK07, MW09, El18, NH15, Ola14, PP12, Par91, PvdHP12, PT09, PAW15, PMG+94, PR08, QM94, Rad00, RW11a, RW11b, RSL17, RRPP11, RHI0, RDH10, RC94, Saj03, SMFL19, SJ17, SPL+12, SKR15, Son13, Son16, SPP04, Sty11, SLW83, TA08, Tch11, TT07, TS99, Tru15, TO13, Tzu07, VS13, VP13, VN19, VR90, Wal10, WAL18, WSR11, Way94, WM09, WS18, YM16, vdS11, vdHPKR13, GT95, LX16].

student-centredness

[Wal10]. student-teachers [HMA13]. Students [BCFF+98, BH95, CBF07, Car99, Cla07, CRL06, GL08, GBR05, GPW05, II05, Jur06, MM00, ST07, WB11, Wat01, Wit05, Bat13, Bek10, Blo03, BL10, Bon14, BJJ13, BSF96, Bro08b, Cla83, Cla92, CBSP12, CSK12, CLSM17, DW17, DeB97, Dem93, Dib19, Dom11, DLK14, Dom19, DS17, Eli13, Eng12, ET95, FV13, FJC95, Fra13, Fra96, GdA09, Gro77, Hah14, HC95, Her02b, Hew12, HP03, IAP19, Kae93, Kae94, Kar10, Kisor, Kon72, LH71, LBT07, LMC08, LG16, LLD14, Ma96, MK01, MG00b, ME13, Min83, MY84, MRC18, MA09, Nif07, Nkh02, O'BJ7, RO09, Rob16, Ric13, Sam85, SLS74, SGTK14, Sie87, SBP11, SLG95, SS93a, Sin00, SG98b, TJ94, TLM07, Tur80, WZ86, Wal12, Yan19, YM16, dPH13, FPS16]. Studien [Dam87].

Studies

[An002c, Bak19b, Bec19, CL18, Kae94, LPG05, MW19, Pea76, Add72, And09, CV09, DB86b, Fit15a, Kol16, Kol18, Obel9, Prz04, Rob90, Sfa15, Dam87]. Study [An98i, Ano4d, Ass05, BT05, Blu02, CPP07, Cre06, Dou99, D005, DGA05, EJD06, EH06, GL00, HbL05, JS99, LD88, Mos04, RD92, Sem70, Sid05, SS06, Spe05, THS06, WA06, Wat05, WI01, WMM13, Ale81, An14b, BGW+14, BGW+16, Bail80, Bal71, Baz90, Be16, BC78, Bla85, BAF04, Buc87, Car10, Cha18, Cob86, Cor17, DVJ02, FQL+17, Fra96, FC12, GD17, Gal82, GCG+92, GK71, HMSBR19, HK99, IS08, IS09, Jan10, KM93, Kar10, KTL0, Lam15, LCD90, Led87b, MvdKM13, MCV13, MRW14, MRRF94, O'CV01, Par16, PA14, Pet91, PMG+94, Pop88, RL13, Roh10, RT14, RIA17, Rie13, RDH09, Saj03, SGTK14, SS91, Sin03, TF95, Tro00, TJDH11, VVV13, VMN11, VO17, WK04, WMR11, WM09, Wri94, ZS15, dA00]. study [vBP19, An000d, Ano14b, FvM97, Leu05].

Studying
[HP08, Ler01, RMA98, Adl19, Gof77, VA18, MRCR11]. **style** [Chr00, Kae90]. **styles** [Ber19, CPPT+13, Hem10, Isa87, PPC09]. **Stylianides** [Gue19]. **Suad** [SJS12]. **Suans** [Siu93]. **subconstructs** [CK18]. **Subject** [Eve90, ET95, BN96, B94, Pai16, Rot12, TH13]. **Subject-matter** [ET95]. **subjectivation** [VC19]. **Subjectivity** [Bro12, Bro08a, BH11, PR08]. **subject** [Eve90, ET95, BN96, BS94, Pai16, Rot12, TH13]. **subject-matter** [ET95]. **subjectivity** [Bro12, Bro08a, BH11, PR08]. **subjects** [Beh68, BN91, BF96]. **subsequent** [SBDM69]. **Subspace** [WSR11]. **substance** [Nar16]. **Subtest** [BHX97]. **subtract** [Dem93]. **subtracting** [Str82]. **Subtraction** [FZ05, Sel01, Tho90, AL00, CHM83, FVJL+19, Mat81, Mat83, NK77, NGR82, PvdHPR12, PDT+12, SPNH12, Son16, VM13, Ves69]. **subtractions** [PDT+12]. **Success** [Car99, MA09, Sel01, B87, CL84, Gli91, KK13, Led80, Nh02, SJS12]. **Successful** [Car99, Dah04, Bon14, Dib19, Nh02]. **successfully** [LLD14]. **successive** [Noe80b]. **such** [Tsa01]. **Sudan** [El 78, PSE87]. **sum** [Tab13]. **summer** [Str08]. **Summing** [Rut10]. **Sun** [vBP19]. **SungWon** [MPS12]. **Sunshadows** [Dou99]. **superfluous** [GSH16a, GSH16b, Lin90]. **Supervised** [Cop98]. **supervision** [FE09]. **Supervisors** [GPW05]. **Support** [DH007, Kap01, MO94, BA14, CSS+14, RIA17, RH02, Vla02, WC08]. **supported** [RDH09, SS15, vdHPKR13]. **Supporting** [LLD14, MC01]. **supports** [Woo16]. **supposer** [YC90]. **suppression** [WHE08]. **surface** [DP98]. **Surveillé** [Cop98]. **surveilling** [Sko12]. **survey** [Del68, TE14]. **Susanne** [Bak16]. **Swapna** [Fit11]. **Swedish** [Han10]. **Sweep** [Vog70]. **Switch** [Gil71]. **Switzerland** [SS93b]. **Sydney** [Wat05]. **syllabuses** [Hol81]. **Symbol** [SL98, BS00, Kie81]. **Symbolic** [NH97, Sko12, Bos87, DF15, Rob75, Rut90, SSP04, TAH08, Tro00, ZWMR16]. **symbolique** [Bos87]. **symboliques** [Tro00]. **Symbolising** [Pai15]. **symbolism** [CMDR18, CB17a, CB17b, HR74, KT15]. **symbols** [Hie88, W90]. **symmetric** [Hah75]. **symmetry** [Coo92, Ros69]. **symposium** [Ano74b]. **Synergies** [MCMV13]. **Syntactic** [WA04, SK13]. **Syntax** [RP07]. **Synthese** [Han98]. **System** [Van74, Bro10a, Dib84, Gen70, HOEF89, KRHD15, Sfa15, SS93b]. **system-wide** [Bro10a]. **Systematic** [Eng68, RBWS18, WSU19]. **systématique** [Dub84]. **systeme** [Ott76]. **systemic** [Wit01, ZCPP13]. **Systems** [Gat06, CV09, Die71, GMHG09, GT09, MVVE09, PXTW17, SK69].

T [Fit15b]. **table** [Lan86a]. **Tableur** [CB89]. **Tacit** [Fis01, Kid11, PA18]. **TAI** [TA08]. **tails** [LLHL13]. **Taiwan** [YC95]. **take** [Sca75]. **taken** [Kon18]. **Taking** [SPNH12, ALO+91, IM19]. **tale** [Gri87]. **talented** [Ell86, Kis86, Lar86, SGTK14]. **tales** [GM10]. **Talk** [Cre06, Edw09, LK16, RG19, Row95]. **Tall** [Bye15, KH80]. **Tamàs** [Kry88a]. **tangents** [Hir72]. **Tanzania** [Phy71]. **Tao** [Cle84]. **tape** [Fie87]. **Task** [Ch97, K713, MM00, AGP15, Bro08a, FB16, KH07, LL13, SLP+12, SMV11, SS88, TTTL10, V19, WSU19]. **task-based** [KH07, LL13]. **task-specific** [SLP+12]. **Tasks**
[Doe06, HI05, Lit00, MDD04, BLP10, Cle80, EJ13, FI17, Fos18, Gue19, HC82, HKG89, JE14, KSL11, Kra93, KMA02, LLW07, LMCG08, LG16, LLD14, PPP14, SMW11, SV13, TTL+13, VVV15, Vol77, VGJ19, WvdHPD15].

Taught [Mur04, Egs70, Miy17, MRC18].

Taylor [Mar13].

[ABK+05, AR07, ABM92, AAT99, BBEG05, Bes07, Bes12, CWL07, CP10, CEMP04, CSS+14, Coo99, Cre96, CLSM17, DEM04, DK15, EJ13, FPCL90, FI17, Fre77a, Fur07, GSE07, Gat06, GS18, HDM07, HMT13, IE07, Ior18, LE09, Law00,Led87b, Llo06, MC05, MMBD05, PKP+18, PC98, PMG+94, RR05, Sen98, SLLM+05, Spe05, Tie02, TER98, Tsa07, Wal10, WG07, WHC09, ZS07, dPQ16, dF12, AV08, AH00, And09, Art15a, Ayd90, BN96, BeK10, BFC90, Bju04, BH10, BF96, BR17, BC12, CEHM16, CRPPRG16, CPK08, CPP09, Cre03, DC92, Dami87, DR13, DVT+18, DDB+10, Ell13, ET95, Eve99, Fau15, Gel98, Gel08, Gof77, GMNB18, Goo07, Gra04, GB17, Gui11, Gut92, Har90b, HM13, HMMG18, HMSBR19, HK99, Hoy07, IWF+15, IAP19].

Teacher [JN15, Jan09b, KHL08, KPH10, KZ94, Kle12, KR09, KR11, LC16, LLM07, Ler14, LYHC18, Lou18, LK14b, LK18, MvdK13, MaL93, MM11, MPdP17, McQ86, MPZ16, MLK16a, MLK16b, MN95, NZB12, No112, OK13, Os112, PSH+18, PPPP14, PA14, PXTW17, PB09, PR08, RL00, Rut10, RN12, SMFL14, SC14, Sc17, SGTK14, SZP10, Shr10, SS93a, Sim94, Son16, Tch11, Tha10, Tho84, TH13, TG89, VC19,Var6, Was15, WL90, YHL+15, Yan11, YM16, ZZ11, ZZ08, dVSKeO18].

Teacher-centredness [Wal10].

Teacher-education [Ell13].

Teacher-student [HMT13, LC16].

Teachers [An04d, DS06, Gra99, HS13b, Kry99a, LG13, kSL13, Men07, Moy01, Nic02, NC06, Pre06, Sko04, Tsa99, Wat00, Wat05, XM17, Axe81, Ban11, BH94, Bon14, BSF96, Bro08b, CDW14, CW14a, Cla12, CSS+14, Cor17, DS02, Del69b, Del69a, Dra14, EK10, FE09, FJC95, Fra96, Fre69e, Gal11, Gal82, Gen70, GI91, Gie98, GT09, HOS13, HBZ98, HHGD16, HMA13, How75, Jan09b, KBK+17a, KBK+17b, KL82, KH07, KZ16, MHH90, Mur93, Mur95, Nol16, O’77, PRR08, PGM13, Phe10, Rel96, Rüe13, SB97, Son13, TS18, Tie00, TDEM13, VD79, WKB97, dF04, dF12, dVSKvO18].

Teaching [AP07, ACJO04, Als02, An04d, An09a, Ass05, Bag73, Blo03, Cas98, CWL07, Cha97, Chr00, Cla02, Cli17, DS06, Doe06, EH05a, EH05b, GP01, HP05, HBH05, HbL05, Jaw02, Jaw03, KBo7, KLe02, LPB05, Ler01, MMBD05, MR17, NBE+12, PB03, PM13, PM97, SLP+12, Sc69, Sel98, SGTK14, SBP11, Ste05, TER98, Tri99, Tsa99, Tsa02, Uhl00, Uhl03, Ves76, VM78, WD05, Wit84, Ad19, AV08, All85, AH00, ARHS14, An06a, An06c, AV76, BS12, Bat13, Beh68, Bel93b, Bel93c, BC92, BS80, BN77, BR78, Bur80a, Bur02a, Bur08b, Cas77, CJ75, Cha18, CW14a, CPK08, DVF18, DB86b, ID95, DRR02, EV16, Elb03, Eng68, Ern85, Eve90, EK10, FvM97, Fie79, FG84, Ffe71, FBA10, For69, Fre74b, Fre93, FC12, FCN14, FM14].

teaching [GP90, Gan92, GBMB70, GMNB18, GFJ13, Gri87, GB13, GSH16a,
GSH16b, Hah75, Han10, HOEF89, HMG19, Hof77, HK99, Hug74, Ior17, Isa87, Jak71, JP09, Jon16, Jou13, Kla68, Kry69b, bL00, Law00, Lib77, Lun77, Mar69, Mas69, Mat03, MLL19, MG12, Mog17, Moo13, MRSP14, NCMO15, Orl71, Osl12, Pas78, PXTW17, Pim90, Pol68, Pr69, RSS11, RL00, Rel96, RK17, Rev68, Rog71, Rou19, Rout, Row08, Roy81, RH02, RNM12, Sar02, Sch71, Sed76, SHAC01, Ste91, Ste97, SK69, SPS17, Str03, Sun16, TK14, Tch11, TSV82, Tho84, Tri95, Ush74, VRP+12, Van76, Vil71, Vol69, Vol76, Dai16, Wu73b, Wal17, Wal76, WqWLR18, WH15a, WH15b, WL90, Wit69, Wit81, ZZ11].

Teaching
[Han12a, Pis68].

Teaching/learning
[Cla02].

Teasing
[Han12c].

Technical
[Ano02d, Ano02e, Ano02f, Ano03c, Ano03d, Ano04f, Ano04g, SS05b, Ern16b, RNP13].

Technique
[Wai70].

Techniques
[MDD04, bL00, Lev81, PSH+18, Wai70].

Techno
[Gai11].

Techno-mathematical
[FA76].

Technological
[Baz01, MM03, Bis79b, TP10].

Technologies
[EH05a, Hbl05, Jou13, KL14, KL14a, Wal12].

Technologizing
[Zev04].

Technology
[Fey89, GH98, Jah83, SK98, SLAY19, Wil05, BdScDa18, BR17, Bur90, CEHM16, DDB+10, FT00, HSZ17, bL00, LE09, MCVM13, PB09, RDH09, Sko88, Sta11, Str87].

Technology-based
[SLAY19].

Technology-rich
[DDB+10].

Technology-supported
[RDH09].

Teletype
[SLJ69].

Television
[GR71, Wai70].

Tell
[Bur98].

Telling
[GM10].

Templates
[Riv10].

Tenth
[TD12].

Tenth-grade
[TD12].

Terence
[Chr00].

Terminology
[FA76].

Terms
[Ger10, JSV75, RNP13, Vau71, WM09].

Textbook
[DL14, Lit03, Par16, Sun11, Tur80].

Textbooks
[Mes04, NN07, NC06, Ala12, DF15, FZ07, HC14, SD13, SV09, WW11, WvdHPD15].

Texts
[Kry69b].

Thailand
[Pur78].

Their
[Cla07, HDM07, Jon00, LW99, AS04, AS05, Bes12, Bju04, BWHM+10, Cha93, DEMW06, FV13, FYAE12, Fra13, FA03, Gue19, HH11, HM13, IM19, IM18, Kar02, Kra02, LBT07, LJW13, LK16, Lin88, MY84, Nkh02, NBE+12, PXTW17, Phe10, PC10, Roh08, ST02, SGTK14, Sol06, Sun11, TTL+13, Tsa07, TDEM13, VP13, VD78, WT14, Wei91, WM09, WS18, YM16, Zev11].

Them
[HDM07, IAP19, Pol76].

Thema
[Wall7].

Theme
[Chr00].

Themes
[Jou13].

Theorem
[MRSP14, Gri13, Tho94b].

Théorèmes
[Pas78].

Theorems
[GB17, Dav93, Pas78].

Theoretic
[AS11, RL04, SJ04].

Theoretical
[CPP07, Eli85, Jaw03, LPG05, AM14, BWD10, BBFG99, Cha18, KL14].
MCVM13, MTBR16, Sim17, Str93a, Vou16. **Theories**

[ELY10, Bak16, BGT17, GBE13, Kid16, LXT02]. **Theorizing**

[DOM19, MLL19, dFS12]. **Theory** [Bag06, BSW16, DDLZ97, GD17, HPG05, Nar00, Spe05, Tsao2, Web18a, Web18b, Bas17, Boa02, BW12, BTvG+17, Bur06, BB03, DDLZ94, Eng03, ES03, Fis93, HEWJ+15, Hie88, Hol81, JP19, Kap76, Kap77, Kei82, Lan13, LLW07, LYHC18, Mai85, McQ86, Mon72, Mor14a, Nin75, Nol12, Nüm96, PV14, Pro13, Rot12, SB12, Str84, Str85, Sut93, TR11, VA18, Ves76, WB11, WW11, WH15a, WH15b, Wil09, Zaz99].

**theory-based** [LLW07].

**theory-building** [Bas17].

**Therapy** [Wil97].

**There** [Sfa01, ST08].

**these** [MDPW96].

**thesis** [Dar82, Sch83].

**think** [Bye15, ZG01].

**Thinking** [Ano72a, De 94, Doe06, EJDT06, IE07, Lan86a, MM03, PBY03, RP07, SZP10, ZS07, Bar09, BBG+17, BBFG99, CPPC18, DVF18, DS17, GP90, GLZB15, Ger88a, GPPT99, Gre01, Gre12, HS13b, HSZ17, JLTM97, KAJHB10, Kru13a, Kyn93, LH09, MvMK13, MH97, OSR71, O’B72, O’B73, PC10, Rad00, RSS11, Sha01, SJ04, Sut89, TT91, Ta08, TW09, Van69b, Vol86, WC08, Wit09, Wit81, ZCPP13, ZL02, v010, Win11].

**Thinking-Aloud** [ZS07].

**thinking-language** [OSR71].

**Third** [Gre17, SLW98, BR78, CBS12, CSK12, Unc74, El 86, GCG+92, VD78, VD79, RD92, Ano14b].

**third-grade** [CBS12, CSK12, VD79].

**Thirteenth** [GL00].

**Those** [Cd04, Bat13, HH11].

**thou** [Fie87].

**Thought** [Alb00, Vin97, Car93, For90, GE98, LLD14, MS09, Sla98, Van76].

**Thoughts** [Fre93, PF11, Str84, Str85].

**thread** [Sur77].

**Three**

[BT04, Coo92, FPS16, Hem10, H05, Mit80, Nes76, O’B76, Sel98, Sel01, Van93a, BJ88, Bye15, Cst16, Jou13, Kid08, PXTW17, VMN11, Yan19, ZG01, DeB97].

**Three-digit** [Sel01, Cst16].

**Three-dimensional** [Coo92, Mit80].

**three-tier** [Yan19].

**tier** [Yan19].

**tiles** [CO10].

**Tiling** [De 94].

**Time**

[ASS05, Beg71, WV02, LK18, VVVV13].

**Timed** [WV02].

**Times**

[Zev04, Klet2].

**TIMSS** [RD92, ARHS14, DT08, Leu05, Mac00].

**TIMSS-R** [DT08].

**Tinne** [Fur19].

**today** [Ano88e, Ayd90, ZM91].

**Together** [Joh15, SZP10].

**toilet** [FS16].

**Tomaso** [D’A10].

**Tommy** [Rad11].

**tonight** [KLLJ17].

**Tony** [PR08, dF12].

**Too** [Als02].

**tool**

[Car10, DDB+10, Hey07, KL14, LC15, Rob12].

**Tools** [PNH98, Cha98, DC17, FLMO7, GWL11, H599, Kar03, bL00, PGE09, PA14, RH02, TP10].

**topic** [Sun11, Wa76].

**topics** [Gha16].

**topological** [Dar82, Pap71, Sch83].

**Topology** [Hi71, Ke71, Kap74, Wal73b].

**topos** [RFK07].

**Tori** [Ano74c].

**totally** [TE14].

**touch** [Del69a].

**Touching** [NPH99].

**toujours** [Gla76b].

**Toulmin** [MPZ16, NBZ12, Sim15].

**tous** [Kry88b].

**Tracing** [CPK08].

**tracking** [SL19].

**trades** [LaC14].

**traditional** [Bra11, FKIA15, Ger88b, MRC18, Son16].

**traditionally** [Bon14, TDGV90].

**Traditions** [GL00].

**traegen** [Van76].

**trainee** [PM15].

**Training**

[BB94, BGWS94, DS02, Del69b, Del69a, Fre77a, Gal11, Gen70, Gof77, Gui17, Gut92, HK99, KLS2, KR09, LaC14].

**traits** [VIN96].

**trajectory** [Van03b].

**transcript** [Ano78b, IT77].

**transcripts** [CW96].
transferring [Dag96]. transfert [Dag96]. Transformation [Har74, Rad11, Ern86, FQL+17, TZLT95, ZER17]. transformations [BC96, Cas69b, Kel71]. Transferring [Wal17].

transiting [MWVE09]. Transition [DL14, DS05, SS05a, Tsa99, Ber08, CB17a, CB17b, DVF18, Gal02, Gue08, Moo94, ST08, VR90]. transitional [Ger10, Mos98]. Transitions [GE98, TAH08, Sla98]. transitive [Roy81].


Tunis [Wil05]. Turkey [Ayd90]. Turkish [DT08, TA08]. Turn [CB00, KZ16, CBSS96]. turned [O’C01, Sch11b]. turtle [SC90, ZL91].

Tutor [Mos04]. Tutorial [Jaw02, GB14]. tutoring [HOEF89, Hus87, Kar10]. Twelfth [Ano00]. Twelve [De94, Kap09a]. Twelve-Year-Old [De94].

twentieth [Her02a]. twentieth [Han89, Han14b]. Twenty-third [Ano14b].

Two [BT04, Cob85, Ka83, Mos07, Bag06, CV09, C10, Del87, Del68, DGFT13, FQL+17, Han12c, Her02a, KL18, MPG12, MTBR16, MRRF94, NH94, PLA14, SNH12, Sin00, SHAC01, TSV82, TMP10, T1+17, VMA11, Wai70, WM98, WO4, W14, WHC09].

two-column [Her02a, WHC09]. two-variable [TMP10, WT14]. two-year [WK04]. type [Dum82, Mag93, RSL17]. Types [Cla83, Gli91, PC10, BLP10, Bro10a, CK15, SC93, TSV82].

Tzanakis [Fur19].
unfamiliar [RL04]. unidirectional [JM18]. unified [ZER17]. unifying [ID95]. union [DeB97]. Unit
[Bus05, CBSS96, CS94, Ern16b, MLK16a, MLK16b]. United
[Law00, MNRR95, YC95]. units [Lee17, WR96, Witt84]. unity [FG17].
universal [Add93, CGGG79a]. Universalis [Add93]. universelle
[CGGG79a]. Universitaires [TLM07]. universities [Cd04, El 86, Ham68].
University
[Ano98i, Ano16b, Ano16c, GBR05, How75, Jaw02, Kae93, Kae94, Sfa15, TO13,
bMYT98, BZ01, GS76, GB14, GM84a, GM84b, HYC97, IM19, Jin07, Lit03,
MK19, Mur93, Mur95, Nar16, Prz04, SLW83, TLM07, VCS95, dPH13, IRA16].
unknown [LH96, Vla02]. unknowns [HL16]. Unpacking
[Lle12, SS95, Was15, GBC12]. Unravelling [Hop85]. unsuccessful [FM09].
Unterricht [Beh68]. upon [SD95]. Upper
[Car18, Eng71, FT03, KPH10, VR90]. upper-secondary [FT03]. uptake
[Kle12]. USA [Ala12, SS10, VS13]. Usage
[Rut05, WN04, Abe78, Dem93, Gla68]. usages [Tro04]. Use
[Cla07, Dah04, Jan81, Mor00, Mos04, Moy01, Mun04, NC06, Wat05, Wil12,
AI08, Art97, Ber04, BLP10, BJI13, CN16, CB17b, DF15, DIW19, DTVV02,
DS17, Dra14, Eng68, FKC17, Fro99, Gal86, Gla68, GK71, Gue19, GB01,
GSH16a, GSH16b, Gut07, HS13b, JM18, Kle71, LLW07, Lev10, LYHC18,
MWSS17, McQ86, Mos98, Or11, Pai13, PvdHPR12, PDT912, Pic71, PB09,
PNH98, RR01, Row08, Rut90, RH02, SL19, TPHS07, TDGV09, Van06b,
VO17, Wal68, Wil16a, Yan12, YE16, dV18, Dem93, CB17a]. use-value
[Pai13]. Used [FB02, CK15, Dem97, Hah75, KPH10, PM16]. useful
[Als92, Bec19, Fre68, Kla68, Ser68]. uselessness [Van99a]. uses
[Ger68b, Tro04]. Using
[BLP14, CPP09, Doc66, Dom11, GP90, HTM18, Isa87, Jon00, Jou13, LW99,
MM11, Mog17, MWVE09, Mos07, PGE09, RDH09, T94, Ves73a, Ves73b,
WS68, XM17, Bal80, BC92, BH95, BH94, Boa02, BDS+17, Bur80b, Cas69a,
CM92, CSK12, DT08, FT03, Hah14, Han10, Jan09a, Jan10, JP09, JGR14,
KB11, KL14, LC15, Loc11, Mar86, MLL19, MPZ16, MHH90, MRC18, Nar16,
PPG95, MQ94, SMSW13a, SMSW13b, Sta89, TN15, TT91, TA08]. utile
[Ser68]. utilisant [Cas69a]. utilisation [Art97, BC92]. Utrecht
[Fre78b].
V [GB19, Ott76]. validating [And09, Czo18]. validation [Bal87]. validité
[Fre82]. Validity [Fre82, Kno77, WBM14]. value
[AI12, GBO1, Kno77, MB16, Pai13, SLP12, SBP11, TP14, Wil12, YC95].
Values [DW17, SS88, Han02, Mac00]. Varga [Kry88a]. variability
[GLZBZ15, PAW15, RT14, Tru15]. variable
[Bis76, BBG+17, Jer73a, Jer73b, MS09, Mar72, Sam85, TMP10, WT14].
variable-free [Mar72]. variables [DG89, GT00, HGM15, Jan74, JM74,
Jur77, Kae93, Kei82, Lep90, MPG12, SLS74, SGCA18, TF95, Wil16a, Wun03].
variance [Tru15]. Variation [SUN11, JM18, NPH99, Sch92, SLAY19, WK04].
variational [JM18]. various [Zep81]. Varna [Fre69c]. vector
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