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**Title word cross-reference**

3 [CC18, DA20a, DA20b, NF20, SLW10]. n [BHWM20]. Q [Gao20].

-D [SLW10]. -Sorting [Gao20]. -th [BHWM20].

1 [SYOL07]. 11th [ES09, FT05]. 11th-graders [ES09]. 12
[LFM\*19, MHIS09, OBH17, VHM22]. 15 [LGS18a, LGS18b]. 15-year-old
[MR14]. 15/16 [DAM19]. 15/16-Year-Old [DAM19]. 16-Year-Old
[DAM19]. 19 [DF22].

[CYLL23, SD22]. 21st-Century [CYLL23, SD22]. 280 [VT07a].
3-Year [HNMG16, BW10].

4 [HL07]. 415 [HL07].

5 [MF05, VT07a, YKJ20], 522 [SYOL07]. 5th [Saf18, YnLL08]. 5th-Graders [Saf18].

6 [SWA+12].

7th [CA21, DE15].

8 [CGTQ21]. 8th [JLCT12, NCH11].


Accomplishments [KBK+22], Account [EKC+21], Accounts [vV16]. Accuracy [RMR22, BZST10, LLWS13]. Accurately [Lin16a].

Achievement [BCO22, CCW16, CA21, CL20, DÇÖK23, FCS15, FT05, FTWC18, GHL22, HHT+20, HLT18, HCH23, IA08, KK22b, KH15, KFM+17, Len06, Lin17, LLHC23, LLN+21, NOVRR22, Ng10, RV17, Sch14, SLZ20, SK17, SP05, SS19, TH19, TLR21, WT18, YnLL08, YSHC23, YCH04, ZBB22, Are12, AK13, AT15, BHMO14, CK14, Che14, Cro09, Ebr12, FH13, GCS10, GN08, HCC15, HGK11, HN1B11, Ing14, LHL+09, MP10, PV14, Pet13, RR16, RR11, RR09, Rut11, SWA+12, Tig14, VR12, WOB12, WT15, ZC15, ZL11, ZL12].

Achievements [PSO17]. Achiever [CHC16, KTC19]. achievers [HCC15].

Achieving [WL18, ARZR16, Als12, BMN16, AK09]. acid [KYA13a, ÖDC09, RCT+11]. acid-base [ÖDC09]. Acids [FT05, ODTS07, JLCT12].


Action [AK17b, KD22, OHLC23, WAL23, FD12, Hal12, MNE12].

Actions [HMHG20, HCH23, LNP+18, LAN20, SMZ06, CDT+11].

Active [MSS22, NHP08, SJL20]. Activities [ABPV20, BÖL23, CCAG22, DIAB22, GCCCG18, LE06, LLP19, SZCL18, UD18, YE23, AAY15, DS15, EDM15, MMZ09]. Activity [GC21, PPB18, Saf18, SB21, TPS21, Wil20b, AE15, AE16, ÇAC09, CBT+12].
Attitudes [AAF17, BSG+23, LJ16, LHC17, LLN+21, MNBZH+05, MDF08, MF05, RCC22, SIA23, SAA18, SF05, Su08, TY23, TKDD19, BSLM16, BW10, CPMSW11, CBDV10, HGK11, HY05, KB16b, KB17, KSE16, LY10, LH16, PSC+13, Uit14, WT15, Zei10]. Attributed [AAM20]. Audit [Tsa06].

Attributive [AAM20]. Audit [Tsa06].

Australia [MP10, VC17].

Australian [CMP19, EDS10, MLK+15, Xu22, XFH23, ZS11]. Authentic [CC05, Gil04, Koh19, Ron18]. Authenticity [Lil07].

authored [HBTP13].

Authoritative [BL21]. Authority [Kim22].

Authors [Ano03b, Ano03c, Ano04a, Ano04b]. Autonomous [Gal22]. autonomy [BK13a].

Auxiliary [GAMDV22]. Availability [WM17]. Avoiding [SBS+07]. Aware [CO22]. Awareness [ABAHA23].

Aware [CO22]. Awareness [ABAHA23].


Based [AOZ09, AMG16, BKW+19, BKG15, BF19, BL21, CO20, CRC22, CA21, CY21, CIZ+23, DÇÖK23, DD23, DA20a, DA20b, DLD18, Dud17, DJB15, HBF+22, HDvJ21, KD09, KBH+15, KKS+19, KC22, KK22a, KC20, KL18b, KKL20, KVB22, Kim22, KLH15, KEET17, KTC19, Len21, Len19, LBE22, Lil07, Lin05b, LLC+15, LC23, MSA17, McG03, MWM05, MFG+21, NvKR+18, Own06, QVST17, SLV22, SD22, SCDC21, Shi21, SLCK19, SJK+19, TAC19, TYC17, TKST18, UD18, VB20, WSZ23, Wan20, WO19, Wi12, YWC+18, vDDBB22, Als12, AT15, BJ10, CTT+11, Che08, CKH15, Din14, FG14, FD12, GACZ09, HCC15, HTWT14, KIR12, KB16b, Kuw13, LM15, LNW22, LB08, LT06, MSH10, MMV16, NEAC10, NKR+18, Oh11, Oh14, Oli10, Ols07, OEMZ12, Own10, RCG+11, SCS+12, WWTC10, YFL15, Yik14, ZKS+05, vA06]. Bases [FT05, ODTS07, JLCT12]. Basic [GBC21, WT20, Kaz14, STC12]. Basis [NPT17]. Basque [MG15a]. be [DCFC16, SC11]. Because [SY22]. Becoming [JK19, Sas21]. Before [BBT17, KLJ+13].


Belonging [SWCH20]. Belongs [VWH+17]. Benchmarks [LLC+16].

Benefits [Dah17, Bes11a, Bes11b]. Bernstein [TRF05]. Best [JSH+23].
Better [SSS18, TSC17, MRA10]. Between [AYLW16, AS22, Bar17, BRR+22, DRZ20, EPEG07, ELRW20, ELO08, GB22, HILAT16, Khi23, LM21, Lee21a, LC23, MKSK16, QCH23, SIA23, SL21, SLZ+18, SS19, TH18, VBACCG22, WICC+18, YKKB19, YKB21, YSHC23, AGBC17, AV06, AB13, BRMNH15, CY14, GBC21, GOMLS18, JC10, KC22, KKvdW15, KV10, LY10, LH14, MW09, Maj14, MPB10, OBE12, Sch15, Tay18, WLSL14, Zei10].

ODC09, TOV12, ZS11]. Compare [Wan20]. Comparing
[Dec15, HBF+22, Len21, LC23, MOI07, SWAEKS19, TS20, LS14].
Comparison [BF19, GBC21, GD19, KAK22, MH17, PMSK+12, SBN16,
WBB17, YJY08, ZF06, AAMU+14, Bab10, Lin14a, Maj14, MLK+15, SBN14].
Comparisons [BF19, THV+15]. Competence
[ASR19, BG22, CT18, DJE17, KBH+15, NPT17, RH15, TWS+23, CCG+11,
NBF+15, OdC15, Pd15]. Competencies [KLH15]. Competency
[On21, PN18, PB19]. competent [WHA14]. Competitions
[HBP17, KK16]. complete [MMM11]. Completed [HC16a]. Complex
[KAK+20, RB09, WS16, JLC+13, MMM11]. Complexities
[KBH+15, VTCvS14]. Complexity [NPT17]. Complicated [LP23, SY22].
Component [YPT07b]. Components [RH15, YWC+18]. composition
[MP10]. Comprehend [HHH22]. Comprehension
[Bea22, CP17, HHH22, HBF+22, HY07, LY07, LLC+15, LL17, WC16, YL18,
ZZ16, AM14a, LL14, VR12, Voy11, WCT+12]. Comprehensive [JRWB23].
 compulsory [MR14]. Computation [Erd17a, Erd17b]. Computational
[DD23, LF17, WSC22, Yan19, YS19a]. Computer
[BWK+19, FP07, LLC+15, LL14]. Computer-Based [BWK+19, LLC+15].
computer-supported [LL14]. Computerized [KD09]. Concavity [Jon19].
Concept [AKD+19, Bar17, BCC06, CW06, Dah17, HA07, HE17, HILAT16,
KWO07, PMCG+17, PPB18, STD+23, SV08, SCB16, SVDK09, TT22, Uha21,
YT07, ZBB22, DDG+12, EGP+09, Ful15, LLT09, MRLM21, NSV13, Nyi15,
ÖDC09, SMFL15, SG15]. Conception [LP23, PMLC15]. Conceptions
[AOZ09, AKD+19, BBT17, BHA+23, CW06, ČK06, EPEG07, GCCCG18,
HLT22, Lau22, LSW19, LLW+20, LZL+18, Lin16a, Lin05, LDG20, MBBR08,
PRW+07, SL21, Sum16a, Sum16b, TL21, TYC17, UKM11, Wan07, WL08,
WL23, YFC04, YL22, ZZ16, AV06, Aqc10, CL10, Chi12h, HK10,
KGA+11, KB16b, Ko10, LN22, Oh14, SKA11, Wai14, WCY16, Yan14].
Concepts
[AT07, CB16, CC05, EG17, HED+23, MSA17, RTC22, YLC21, Are12,
AAY15, ČAC09, CSM12, DC08, HBP17, JW15, KYA13a, KTBG15, KN13,
LCC11b, PC13, RCT+11, SC12, Tan11, TCC+10, VRW05, WMS13, WCY16].
Conceptual [ASR19, BPG11, ČAC07, CB16, EG17, FB19, HA07, Hua17,
JLC17, KČ18, MZC+19, MC04, MQ07, NACE22, SV08, SMPK+19, SP17,
SLC17, SF05, TT07, TY23, TS04, WT18, APCK12, BHSC10, ČAC09, Eme09,
Gok12, JW15, Lep12, NPR12, OBE12, PYR+12, SW14, TOV12, vAO6].
Conceptualising [STD+23, RHM+11]. conceptualization
[Hsi13, jKMH20]. Conceptualize [Lin05b]. Conceptualizing
Concerns [JSRP20, LE06, Shi22, HY05]. Concrete [ZYJ22].
Concrete-Representational-Abstract [ZYJ22]. Concretisations
[LT+19]. Condensation [WT18, HS14]. Conditional [YCL04].
Conditions [GBC21, HSE17, KBK15, SM12]. Conduct
Conducting [Law05]. Conducting [DB17, BHSC10].

[HLT18, Wat17, BSD13, CRR09, Chi12a, WOB12]. **Country**
[HHH+23, MG15a]. **Course** [CT17, Cor17, Das05, Gub16, Jao17, Leu22, MDF08, Su08, TYC17, UD18, YWG21, EDS10, EFL+13, Lee16a, LG13].
**Courses** [BG17, Ble09, MS18, PFFG+18, BL09, Din14]. **Covariation** [Wil20a]. **Covariational** [YKUIB17]. **Cover** [HKS18].
**Covariation** [Wil20a]. **Cover-up** [HKS18]. **Covert** [AM14b]. **COVID** [DF22]. **COVID-19** [DF22]. **CPD** [EDMA15].
**Crane** [KEET17]. **Create** [EH18]. **Creating** [Cro09, KTBG15, SPF23, LY13]. **Creation** [Koh19, NK04]. **Creative** [Chi09, Mer07, SL20, SP21a, LLL15]. **Creativity**
[AAAB16, GAMDV22, JRS22, WSZ23, HK10]. **credibility** [AB11]. **Credit** [BWK+19]. **Critical** [DJZ21, FGD22, PH19, RT10, TH19, TDW+17, TDE18, VTV16, YWF20, Ale14, Lin14b, Lin16b]. **Critique**
[CH20, YY13]. **Croatian** [KŠČ20]. **Cross** [CL20, Din18, HHH+23, JSH+23, KYA13b, KL18b, KH15, MLK+15, SWCH20, YYC04, ČTC14, ETG16, KYA13c, ME13, TOV12, TCC+10].
**Cross-Age** [KH15, YYC04, ČTC14]. **Cross-Country** [HHH+23].
**Cross-Cultural** [CL20, KL18b, SWCH20, MLK+15]. **Cross-Grade** [KL18b, SWCH20, MLK+15]. **Cross-level** [ME13]. **Cross-National**
[KYA13b, JSH+23, ETG16, KYA13c, TOV12, TCC+10]. **crossing** [Hob13].
**Cultural** [CS16, CL20, Dhi08, KL18b, LFM+19, SB21, SWCH20, Kuw13, MLK+15, Sch15, THV+15]. **Culturally**
[HM22, JMS16, RJ21, SWAEKS19, ATG13, NRKR13]. **Culture**
[GHL22, HLT18, Kaw07, QVST17, Sch14, Tsa06, TLHV16a, TLHV16b, WPFC04, DMNH11, KTBG15, MDT13]. **Culture-Dependent**
[TLHV16a, TLHV16b]. **Cultures** [TH19]. **Curiosity** [HHS+21, BSLM16].
**Current** [ZTW23, KTBG15]. **Curricula**
[Alg20, Dog16, VT07b, WL21, dFAN13, VT07a]. **Curricular**
[JSRP20, FD12, HBTP13, So16, Tan11]. **Curriculum**
[BVDV13, CC18, DNWC18, FYL21, HHJR21, Hua17, KC22, KR18a, KYA13b, Leu05, LC23, Mc10, SC03, Şah10, SCSK19, Sty08, TVC03, TC07, VB20, WM17, WB20, WM19, Wat17, WO19, XFH23, ZF06, CTGS15, HBTP13, HFWY14, KYA13c, Kuw13, OS10, PZLR16, TSA12, Tan11, VRW05, WLSC09].
**Curriculum-Based** [KC22]. **Curves** [KŠČ20]. **Cuts** [HTCS19]. **Cycle**
[GOML18, ACY10, GDSD10]. **Czech** [KV10].

D [DA20a, CC18, DA20b, NF20, SLW10]. **D-Printing** [CC18]. **Daily**
[MSAGHMG19]. **Danish** [DK10]. **DAST** [MJMOR11]. **DAST-C** [MJMOR11]. **Data** [JCC20, MRLM21, SKS+23, SCDC21, SS21, TH19, TT18, WL18, WFWK23, Che14, CP12, CMME15, LH15]. **Datasets** [ALT+07]. **deal** [BNH+15]. **Dealing** [RH15, vKF22]. **decade** [Lin12]. **decades** [Tip10].
**Decimal** [DGEP16]. **decimals** [LM15]. **Decision**
[BTJA18, FHL19, LLI22, CBO09]. **Decision-Making**
[BTJA18, LLI22, CBO09]. **Decisions** [ED23, LL05, Ols07]. **Deductive**
[HM09, AE10]. **Deep** [SLC17]. **defense** [NPR12]. **definite** [MMP14].

Economically [HILAT16]. Ecosystems [JSH+19].

Editorial [Ano03a, Ler04, Lin05a, Lin12, Lin05c, Shy03, Tre04]. Educ [LGS18a, LGS18b]. Education [AHO19, Alg20, ALT+07, AM04, Ano12a, Ano12b, ABH17, BSG+23, BC05, CD23, Chi04, CIZ+23, CFC22, DBV22, DWM16, EB20, Eng17, FHL19, Fre21, GCCCG18, GC21, GBC21, Gii04, GSJ+17, HC16a, HDvJ21, JRS22, KST+23, KŠČ20, Kaw07, KYA13b, KA19, KBK15, Kyl06, LF17, Lee21b, Ler07, Len22, LTCCY07, LLI22, MJ18, MN23, MFG+21, NOVRR22, OHL23, PZA16, PA22, PH18, QVST17, RTC22, RL19, RML22, RAL+07, SPF23, SC03, SBR22, SBS+07, SLK20, SSS18, SS21, SBN16, SWAEKS19, TWC+16, TLK22, TSKIB22, TYW+17, TM17, Tsa06, VRFCT+08, VTV16, Wan20, WSC22, WKG20, YT22, Yor23, ZSW+21, ZX20, ZP06, ZBE21, AV06, BM16, BS15, BK13b, CGR13, CBO09, CBT+12, DFR05, Ded11, HEB11, HpCH+16, Kae14, KGA+11, KYA13c, Kni10, Kô13, KKvdW15]. education [KB14, Las13, Lee16a, LHL+12, LH15, LC14a, LC14b, Lui13, MR14, NFK10, NFB+15, NDD14, OAMZ12, RR11, RR09, Sch15, SBN14, TOV12, TDBLY16, Tip10, YL08, ZKS+05, HL07, SYOL07, VT07a]. Educational [KK22b, LF17, Law05, SLZ+18, TKY20, TNHK23, ZX20, Ko10, LLL15, MP10, NF10, SBR14]. Educator [KEB21, LdCCK21, RBE21, Sum20, TPS21, VA21, WHC17, AE10]. Educators [CFC22, HDR21, SP21b, WBM21, Am16, ZKS+05]. Effect [AT07, AOZ09, CA21, CHC16, CT04, DMNH11, GG09, HHT+20, HHT21, HMS16, Ja20, Jia19, KST+23, LLWS13, PDÜA21, RVT20, Sch14, TY23, TH18, YT20, AT15, BZST10, Ebr12, LM10, Oh11, PDG15, SWA+12, WLSN14]. Effective [CO22, FHMaL18, Koy23, KFM+17, RAL+07, TLK17, TDE18, CBO09, OO12]. Effectiveness [AAF12, DČOK23, FL23, GC21, TAC19, WT18, WSA07, YS19b, Bra12, ČAC09, CS15, KYA13a, MP10, PZLR16, WWTC10]. Effects [BB17, BCO22, DJB15, FTWC18, GN08, HHH22, Kan23, KW007, KKL20, KEET17, Las13, LW18, Len06, NOVRR22, Ng10, PL15, RV17, SEW18, SLK20, SKS+23, SAPM22, Só08, UE10, WSZ23, YZK15, Yam18, YSHC23, YT07, ZYJ22, BJ10, BMO14, CA14, CTGS15, CCWL15, MMV16, ÖDC09, YHT16, BK13a]. Efficacy [AO16, DC06, Gao20, HZL22, HLT22, HHT+20, HHT21, LLW+20, LJC08, LTD+18, MS18, MA21, OHL23, RB09, TLT21, TH18, TNHK23, VB20, WT20, YZK15, YLTO21, Bag11, Bur10, Cha10, CK14, JLC08, KIR12, Lnu22, LM12, Pet13, RCT+11, SKS+23, Uit14, VHM22]. Egyptian [SOTF13]. eight [Kan11]. eighteenth [Pap10], Eighth, Eighty [CCN+12, DA20a, DA20b, IA08, LM21, AR10, JLC+13, Lee11, Mor14]. Eighth-Grade [IA08]. Elder [PTW05]. Electric [ČK06, Lin16a, KTBC15, SY14]. Electrical [CA21, TAC19]. Electricity [AOZ09, ABG06, KH15, TY23, TDW+17, Gok12]. Electrochemistry [AT07, OL14], electrolysis [STC12]. Electrolytic [RTC22]. electromagnetic [AC15], electromagnetics [Lep12]. Elementary
Yor23, BK13a, ETG16, GCK15, KB14, TDBLY16, Zeit10, Zei15, DA20a].

Environment-Related [KR18a]. Environmental [BSG +23, EB20, LLL22, NHLS08, YTHH22, CBDV10, HY05, KIR12, LS14, LsL14]. Environments [ALT14, KAK22, KA19, KJ19, Lem21, MRJ +21, Ng19, TDE18, TKS18, YWC +18, Cro09, GGSP10, HIS +16, HISH16, KAC15]. Epilogue [HIS +16, LGS17a, LGS18a].

Epistemic [BG22, HHS +21, HCH23, LLL22, PBDE23, VCSA +23, WSZ23, YHT16].

Epistemological [CCL22, Cor17, DÇOK23, ERdDS20, Mor09a, Mor09b, PSO17, RJHB12, Rot20, Liu09, Top13]. Epistemologies [AYLW16, RJHB12].

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Equiprobability [PL19a].

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era [RCG +11]. Erratum [Bes11a, BL09, Erd17a, HL07, KYA13b, sL14, Lia16b, LC14a, NvKR +18, SYOL07, SBN16, SGHM16, Tsa13, TCTC07, TLHV16b, VT07a, Yeol17b].

Error [KLR23]. Error-handling [KLR23]. Errors [EK18, GB22, HSH22, KAK +20, MRDCC17, SAI16, Son22, vKF22, TSP12].

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Essential [vdWBD17]. Establishing [BG17, SBM12].


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equipped [MSH10].

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CABR06. Findings [BHWM20, RBE21, YL22, And14]. Findings [Ran06, TM17, ZV18, ZBH23, Full15, LC14a, LC14b]. Finite [Bar17]. Finland [JLU+10, KLI+13, MTMKR23, SLZ+18, THV+15, TLHV16a, TLHV16b].


Gap [CWLH19, ELO08, FG21, GS16, HHS⁺21, AV06, BTY11, MPB10, ZC15]. Gas [NY11]. gases [APCK12]. Gender [AAF17, CCAG22, CWLH19, CGTQ21, FG21, GS16, GG09, HNA16, HC16b, Ing14, LY10, LLHC23, LLN⁺21. MRLM21, NSV13, PZA16, SBS⁺07, TPM19, TH18, TNHK23, VAF12, Wel15, YCH04, ZG08, BTY11, CK14, KB16b, LM12, YHT16]. Gender-Specific [CWLH19, ELO08, FG21, GS16, GG09, HNAA16, HC16b, Ing14, LY10, LLHC23, LLN⁺21, AV06, BTY11, MPB10, ZC15]. Gendered [CWLH19, ELO08, FG21, GS16, GG09, HNAA16, HC16b, Ing14, LY10, LLHC23, LLN⁺21]. Gender-Specific [CWLH19, ELO08, FG21, GS16, GG09, HNAA16, HC16b, Ing14, LY10, LLHC23, LLN⁺21].

General [CY23, KBK15, SGHM15, SGHM16, Kon13, UKM11].


General [CY23, KBK15, SGHM15, SGHM16, Kon13, UKM11].

Geographical [ZBE21]. geography [MW09]. geologic [Che12].


Gifted [WLSL14].


Know [BRR+22, AB14]. Knowing [JWR20, PFCM23, Che12].

Knowledge [ASR19, APR+17, BDM21, BHD+15, BWO20, CCW16, CA21, CO18, CEB12, CFC22, CG22, DRZ20, DJB15, EVV11, ES04, FL06, Gub16, HTCS19, HNA16, HE17, HFWH17, Hua06, KC823, KR18b, KB16a, K18, KLH15, Koh19, KBK15, Ku18, LL06, LTM18, LTCCY07, LY07, LLN+21, LDG20, LK18a, Mad22, MQ07, PL19b, PSM+20, Saf18, SGCS23, SMG+19, SB09, SC21, Shi21, TBP17, TCH+17, UE19, WCC19, YKB21, YAC10, YWF20, vV16, AW12, BSD13, CJOC11, DFR06, DW15, ELY15, Eme09, HTWT14, His13, HY05, HL07, JLC12, Kid11, KRT11, Kon13, KV10, Las13, LH14, LCC+09, Lin14a, Lui13, Maj14, Ny15, OBE12, WLSN14, Wai14, WWTC10, Web13, Yi13, ZB13]. Knowledge-Based [Shi21]. Knowledge-Integration [Saf18].

Kong [Che14, FHmL18, Fun21, FL23, Ho10, KFM+17, LM15, So03, WO19, YCH04, YT07, ZBL+16, ZL12].

Korea [KYJS12, KK22b, SBN14, SBN16, WL22]. Korean [CMP19, HK10, JMS16, KB17, LFF03, Lee11, MLK+15, OS05, PL19a].

Kosovar [ETG16]. Kosovo [ETG16]. Kuwaiti [ETG16].


text continues...
Learning [SLZ+18, SGHM15, SGHM16, Su08, SMZ06, SMSBZ23, TLT21, TAC19, TDBLY16, TDE18, TKY20, TKS18, TS04, UW17, VCSW20, VBACCG22, WZS23, WL18, WT20, WD12, WSA07, Wi21, WCG09, XC21, YZK15, Yan03, YT20, YLT021, YS19b, YT07, ZBL+16, ZYJ22, vDDDB22, ATG13, AAMU+14, And14, AE10, BSA+14, Bra12, BNH+15, CCG+11, CWW11, CRR09, CY14, Chi12b, CJOC11, Cro09, DF22, DCFC16, Ebr12, ETC16, Fu15, GGS10, GDS10, HCC15, Ho10, HUC+16, HUC+16, HSS16, HUC+13, KYS12, Lin06, LHL+09, LT11, ME13, MDT13, NPR12, NSW13, Od15, OL14, Oza10, PZLR16, PYR+12, RCG+11, Šap13, SB09, SCS+12, SLW10, SW14, TSA12, TIG14, TT14, TC09, TRF05, VAF12, VTCvS14, WK123, YFL15, Zei10, Zei15, ZB13].

Least [BF19].

Lebanese [KB16b, OBH17, RJHB12, SB17].

Lecturer [DRZ20]. led [BB09].
left [GLY09].
left-behind [GLY09].
legitimate [dFAN13].
Length [CPTMSM22, GFCG18, HHH+23, SA16, TSA12]. Lens [Ng19, EFL13, HYC16, TDBLY16].
Lesotho [Mor09a, Mor09b, QM14].

Lesson [APR+17, KLR23, Leu19, LSK18, SLV22, SE22, Tay18, FL11, GDS10, KB17, Li11, RL12, VTCvS14].

Lessons [DF22, ED23, JWV20, KST+23, jK19, LAN20, RA17, Rot20, RH19, vKF22, CL10, JWV2D3, NN11, PDG15, RL12, WLSN14].

Letters [AAM20].

Level [BG17, CT18, DAM19, Fre21, HSM06, HMC19, KB16a, LHC17, RML22, TNNH23, AAF12, AO10, Bab10, LM10, ME13, Mor09a, Mor09b, Pet13, TT07].

Levels [ABAHA23, CA21, Lec18, NPP16, TLMH16a, TLMH16b, FG14, LLWS13, PMLC15, RK10, STC12, WLSN14].

Lever [XFT21].

Life [BdSSC16, Gov17, GRWHP19, IK18, KN22].

Light [AKD19].

Like [ABAHA23].

Likert [SWAEKS19].

Limit [Hon23, KL18b, EGP+09, Kid11, Mor09a, Mor09b], limited [IK14].

Limits [Bar17, Par07]. Line [AkB21, PL19b, YC23, PMSK+12, Zio08].

Linear [GZ21, KAK+20, SGCS23, Tur22, WBB17, AGB14].

Lines [GAMDV22, PUR18, Wil19].

Linguistic [SWAEKS19].

Linguistically [SWAEKS19].

Linguistics [HY07, KWMW22].

Link [KC22, LL21b].

Linking [MO107, Wat17, WLSN14].

Links [BC05].

Liquid [TK22].

List [SP21a]. Listen [GLY09].

Listening [Hua06, HL07, LL+15, LL17].

Literacies [CYT16, vdWBD17].

Literacy [AKB21, BE16, BMD+17, CO18, CC05, CC16, ELRW20, HCBS18a, HCBS18b, KC22, KVKB22, Ler07, Mea07, OBH17, RV17, SSS18, TR21, VB20, VTV16, WK08, WFK+16, YKJ20, YTHH22, YHY04, YPT07b, CP12, LS14, MLK+15, SC14].

Literature [CD23, JRS22, LL23, MF05, WSC22].

live [Din14]. load [LL14].

local [Wel15].

locating [HT13].

Lockdown [DF22].

Logical [BRSG20].

Long [CTC16, Din14, TOV12].

Long-Term [CTC16, TOV12].

CTC16, CD23, CK22, CCCN17, CC16, Cor18, Cor17, CBR21, DF22, Ded11, DRZ20, DB17, Dog12, Dog16, DNWC18, DKL16, DJE17, DJB15, EHM19, EB19, ES08, ED23, ERC03, FCS15, FTWC18, FI19, Fos22, FB06, Fre21, Ga20, GBC21, GR21, GG09, GPCB15, GSJ+17, GHL22, Giu09, HTCS19, HJKKL23, HHS18, Hl18, HYL23, HLT18, HLO7, HDvJ21, HCH23, IA08, JLO18, Jao17, JRWB23, JSRP20, JWR20, JRS22, JMS16, KC22, KCS23, KLR23, Kau11, KEC23, Kii18, KD22, jKM12, KLM15, Ko10, KN22, KBR15, KRU19, Kot16, Koy23]. Mathematics

[KEB21, LAN20, LR20, LJ16, Lau22, LOJ08, LHC17, Lee21a, Lee21b, Leh22, Len21, Len06, LTT+19, LTT+21, Ler07, Lei05, Lei19, LTCCY07, Lin05b, LW16, Lin17, LLN+21, LdCCK21, LKL20, Lui13, LK18b, MSS22, MK23, MCF23, MSH09, MSAGHMNG18, MSGGVDF20, MSAGHM18, MWM05, MRLM21, MKSK16, MF05, MC04, MN23, EL22, Ng10, NLW16, hCN18, Ng20, NF20, NDD14, OL08, OE19, Oro16, PP08, PP15, PSB19, PRW+07, PFCM23, PA22, PD17, RH17, RJ21, RL19, RAL+07, RBE21, RA17, SCG+19, SGCS23, SS18, SV22, SMG+19, SL20, SLK20, SMPK+19, SCDC21, SE22, SAA18, SSS18, SYOL07, Shi21, SS21, SBN16, SF05, SS19, Sty08, SMZ06, Sum20, SCC23, SMSB23, TH19, TLK22, Tay18, TCI+17, TLR21, Tho22, TSP16, TPS21, Ts06, TYC17]. Mathematics

[TLHV16a, TLHV16b, TNHK23, TPK+23, TS04, Ulu21, UDI8, UF17, VRFC+08, VA21, VBACCG22, Vid15, VT07a, WM17, WAL23, WK20, WHC17, XC21, YMG22, YaLL08, YKKB19, YKB21, YKU17, YT20, YSHC23, YT22, Yor23, YWG21, ZBL+16, ZYJ22, ZV18, ZO20, ZBH23, ZF06, ZK20, ZTW23, ATG13, AAF12, AV06, Ama16, AW12, ALA+15, Are12, Bag11, BHS15, Bay13, BW10, BC11, BK13a, BAV+11, BK13b, Bur10, CGR13, CPMSW11, Cha10, CTGS15, CK14, CL10, CCN+12, Cle14, Chi12a, Chi12b, CBT+12, CMME15, Cro09, DBS15, Ded15, DK15, ELY15, EK09, FI13, Fos15, GCS10, GN08, HCC15, HGK11, HP11, HNB11, Hsi13, HWW13, HIS+16, HISH16, HF17, Ing14, JWVvD23, KHL12, Kaz14, KGA+11, KG15, Kni10, KK16, KKvdW15, Kt010, KAC15, Las13, LY10, Lee11, Li11, LP11, LHL+09].

mathematics

[TLHV16a, TLHV16b, TNHK23, TPK+23, TS04, Ulu21, UDI8, UF17, VRFC+08, VA21, VBACCG22, Vid15, VT07a, WM17, WAL23, WK20, WHC17, XC21, YMG22, YaLL08, YKKB19, YKB21, YKU17, YT20, YSHC23, YT22, Yor23, YWG21, ZBL+16, ZYJ22, ZV18, ZO20, ZBH23, ZF06, ZK20, ZTW23, ATG13, AAF12, AV06, Ama16, AW12, ALA+15, Are12, Bag11, BHS15, Bay13, BW10, BC11, BK13a, BAV+11, BK13b, Bur10, CGR13, CPMSW11, Cha10, CTGS15, CK14, CL10, CCN+12, Cle14, Chi12a, Chi12b, CBT+12, CMME15, Cro09, DBS15, Ded15, DK15, ELY15, EK09, FI13, Fos15, GCS10, GN08, HCC15, HGK11, HP11, HNB11, Hsi13, HWW13, HIS+16, HISH16, HF17, Ing14, JWVvD23, KHL12, Kaz14, KGA+11, KG15, Kni10, KK16, KKvdW15, Kt010, KAC15, Las13, LY10, Lee11, Li11, LP11, LHL+09].

mathematics

[TLHV16a, TLHV16b, TNHK23, TPK+23, TS04, Ulu21, UDI8, UF17, VRFC+08, VA21, VBACCG22, Vid15, VT07a, WM17, WAL23, WK20, WHC17, XC21, YMG22, YaLL08, YKKB19, YKB21, YKU17, YT20, YSHC23, YT22, Yor23, YWG21, ZBL+16, ZYJ22, ZV18, ZO20, ZBH23, ZF06, ZK20, ZTW23, ATG13, AAF12, AV06, Ama16, AW12, ALA+15, Are12, Bag11, BHS15, Bay13, BW10, BC11, BK13a, BAV+11, BK13b, Bur10, CGR13, CPMSW11, Cha10, CTGS15, CK14, CL10, CCN+12, Cle14, Chi12a, Chi12b, CBT+12, CMME15, Cro09, DBS15, Ded15, DK15, ELY15, EK09, FI13, Fos15, GCS10, GN08, HCC15, HGK11, HP11, HNB11, Hsi13, HWW13, HIS+16, HISH16, HF17, Ing14, JWVvD23, KHL12, Kaz14, KGA+11, KG15, Kni10, KK16, KKvdW15, Kt010, KAC15, Las13, LY10, Lee11, Li11, LP11, LHL+09].

mathematics

[TLHV16a, TLHV16b, TNHK23, TPK+23, TS04, Ulu21, UDI8, UF17, VRFC+08, VA21, VBACCG22, Vid15, VT07a, WM17, WAL23, WK20, WHC17, XC21, YMG22, YaLL08, YKKB19, YKB21, YKU17, YT20, YSHC23, YT22, Yor23, YWG21, ZBL+16, ZYJ22, ZV18, ZO20, ZBH23, ZF06, ZK20, ZTW23, ATG13, AAF12, AV06, Ama16, AW12, ALA+15, Are12, Bag11, BHS15, Bay13, BW10, BC11, BK13a, BAV+11, BK13b, Bur10, CGR13, CPMSW11, Cha10, CTGS15, CK14, CL10, CCN+12, Cle14, Chi12a, Chi12b, CBT+12, CMME15, Cro09, DBS15, Ded15, DK15, ELY15, EK09, FI13, Fos15, GCS10, GN08, HCC15, HGK11, HP11, HNB11, Hsi13, HWW13, HIS+16, HISH16, HF17, Ing14, JWVvD23, KHL12, Kaz14, KGA+11, KG15, Kni10, KK16, KKvdW15, Kt010, KAC15, Las13, LY10, Lee11, Li11, LP11, LHL+09].

Modeling-Based [LC23]. Modelling
[AS22, Eng23, Gil04, GOMLS18, Lee11, SP17, DS15, DK15, OdC15]. Models
[DC16, EY23, Gil04, Hbk19, KAK+20, Lee18, LL21b, Liu05, LR08, NPT17,
SP17, SRS23, AB11, AB13, MMV16, WOB12, WLJ14]. Moderate
[HCS18a, HCBS18b]. Moderating
[TH18, YSHC23]. Modern
[Pap10]. Modes
[ABPV20, AM04]. Modification [LLL15]. Modified
[BRR+22, CWLH19, MB21]. Modify [LLP19]. module [OL14]. molecular
[DCFC16]. Moment [CY23]. Moments [CBR21]. Moon
[SLW10]. Morphological
[FG14]. Most [BF19, HGSL18]. Mothers [Güv09]. Motion
[Bay09, AAY15, EVV11, Fer14, Ful15]. Motivating
[DP07, PCL18]. Motivation
[BB09, CB16, CL20, EP21, FT05, FTWC18, HBP17, HHT+20,
KWO07, KTC19, NLW16, hCN18, Ng20, Oro16, PP15, AKA18, ZLI11, rSY19,
CWW11, DRT+12, MDT13, OL14, VAF12]. Motivational
[FCS15, LLHC23, LT11, NHL08, WL18, ZP06, MR14]. Motivations
[Kan23]. Movement [Jia19, Hmu14, LL14]. Movements
[HC16b, LW18, SBK+14]. Moves [CY23, ED23, JL17, THAD20, TA15].
Moving [YAC10]. much [SWA+12, SC11]. Multi [WSW+08, Pet13, VAF12].
Multi-Campus [WSW+08]. multi-group [VAF12]. multi-level [Pet13].
Multidimensional [HHH+23, Are12]. Multidisciplinary [Eng23].
Multilevel [NP23, PSO17, YS19b, ZBB22, rSY19, AK13, Bag11].
Multilingual [El 23, El 22, SB21, SMPK+19, SS19]. multimedia [OL14].
Multimodal [FGD22, KC20, Tur22, VC17, XFT21, Tan11]. multimodality
[Fer14]. Multinational [LLHC23, WSW+08]. Multiobjective [LF17].
Multiple
[ASR19, BB17, CCT16, DKL16, GAMDV22, HSMO06, HMM22, KL18a, LS21,
Lee16b, LKC+15, hCN18, PN04, SL20, SLZ20, SGCA18, YHL18, MAL+11].
Multiple-Choice [BB17, HMM22]. multiplicative [TC09]. Multipliers
[Dud17], multivariable [MMR15]. Museum [Chi04, MG15b]. my
[FH12, KHL12].

N [VT07a]. naïve [CA14]. Nakuru [GN08]. Named [TLK17].
Nanoscience [MSK22]. Nanotechnology [MSK22, BMN16]. Narrative
[HBF+22]. Narratives [SHM21]. National
[Joh16, KYA13b, MTMK23, VT07b, BSA+14, ETG16, JSH+23, KYA13c,
TOV12, TCC+10, VT07a, Mor09a, Mor09b]. Natural
[LDG20, PTW05, WS16, AB11, BHSC10]. Naturalistic
[NvKR+18, NKR+18]. Nature [APR+17, BAN21, CA21, Das05, EKC+21,
EY23, Khi23, KPL18, LOJ08, LYL23, McC03, MBBR08, OL08, Pet22, SD22,
SAA18, TSP16, AOČ10, AB14, LCC+09, UKM11, Wai14]. necessarily
[KHL12]. Need [GY19, LJ16, WT20, RCG+11]. needed [SWA+12].
negotiated [PK15]. neo [NDD14]. neo-Piagetian [NDD14]. Nepalese
[PBDE23, TWC+16]. neuroeducational [And14]. Neuroscience [ALT14].
neurosciences [And14]. neuroscientific [LC14a, LC14b]. news

origami-based [AT15]. 

Origin [BBT17, Gov17]. 

Origins [BdSSC16]. 

Orthodox [EHM19]. 

Our [BC06, Owe14]. 

Out-of-Field [LR20, Hob13]. 

out-of-school [MMK11]. 

Outcome [JJC08, JLC08]. 

Outcomes [CC18, HE17, IAS17, OHMW21, Saf18, Saw19, TSC17, WK09, AM14b, GCS10, HP11, JLC+13, MAL+11, OFB15, TOV12]. 

outline [RR09]. 

outperform [ZS11]. 

Overall [CGTQ21]. 

Out of Field [LR20, Hob13]. 

out-of-school [MMK11]. 

Outcomes [CC18, HE17, IAS17, OHMW21, Saf18, Saw19, TSC17, WK09, AM14b, GCS10, HP11, JLC+13, MAL+11, OFB15, TOV12]. 

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out-of-school [MMK11]. 

Outcomes [CC18, HE17, IAS17, OHMW21, Saf18, Saw19, TSC17, WK09, AM14b, GCS10, HP11, JLC+13, MAL+11, OFB15, TOV12]. 

Overview [Ran06]. 

Out of Field [LR20, Hob13]. 

out-of-school [MMK11]. 

Outcomes [CC18, HE17, IAS17, OHMW21, Saf18, Saw19, TSC17, WK09, AM14b, GCS10, HP11, JLC+13, MAL+11, OFB15, TOV12]. 

Outline [RR09]. 

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Overall [CGTQ21]. 

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out-of-school [MMK11]. 

Outcomes [CC18, HE17, IAS17, OHMW21, Saf18, Saw19, TSC17, WK09, AM14b, GCS10, HP11, JLC+13, MAL+11, OFB15, TOV12]. 

Overview [Ran06]. 

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Overview [Ran06]. 

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Outcomes [CC18, HE17, IAS17, OHMW21, Saf18, Saw19, TSC17, WK09, AM14b, GCS10, HP11, JLC+13, MAL+11, OFB15, TOV12]. 

Overview [Ran06]. 

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Overview [Ran06]. 

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out-of-school [MMK11]. 

Outcomes [CC18, HE17, IAS17, OHMW21, Saf18, Saw19, TSC17, WK09, AM14b, GCS10, HP11, JLC+13, MAL+11, OFB15, TOV12]. 

Overview [Ran06]. 

Out of Field [LR20, Hob13]. 

out-of-school [MMK11]. 

Outcomes [CC18, HE17, IAS17, OHMW21, Saf18, Saw19, TSC17, WK09, AM14b, GCS10, HP11, JLC+13, MAL+11, OFB15, TOV12]. 

Overview [Ran06]. 

Out of Field [LR20, Hob13]. 

out-of-school [MMK11]. 

Outcomes [CC18, HE17, IAS17, OHMW21, Saf18, Saw19, TSC17, WK09, AM14b, GCS10, HP11, JLC+13, MAL+11, OFB15, TOV12]. 

Overview [Ran06]. 

Out of Field [LR20, Hob13]. 

out-of-school [MMK11]. 

Outcomes [CC18, HE17, IAS17, OHMW21, Saf18, Saw19, TSC17, WK09, AM14b, GCS10, HP11, JLC+13, MAL+11, OFB15, TOV12]. 

Overview [Ran06]. 

Out of Field [LR20, Hob13]. 

out-of-school [MMK11]. 

Outcomes [CC18, HE17, IAS17, OHMW21, Saf18, Saw19, TSC17, WK09, AM14b, GCS10, HP11, JLC+13, MAL+11, OFB15, TOV12]. 

Overview [Ran06].
Personalities [IAS17]. Perspective
[EA19, EGJ09, ES08, HY07, LJ20, LL05, LLHC23, LKL20, MTMKR23, SA22,
TC07, YMZ22, EDM15, Hsi13, LL14, MS14, RYG15]. Perspective-Taking
[EA19]. Perspectives [ALT14, BdSC16, CL20, DF22, HMC19, SE22,
TLK22, XC21, YAC10, ZKS*05, ZBE21, ACY10, LG13, Owe14, SC14], Ph
[SYOL07, KYA13a, PC13]. Phase [DPK08]. Phases [GOMLS18, KLR23].
PhD [VRFCT*08]. Phenomena [KNF*20, LH08, PTW05, AB11, Oh14].
Phenomenon [AOJT22, BDM21, GLY09]. Philosophy [MVC17a, MVC17b].
Physical [CT17, EY23, Gov17, LK22, MLA*21, LCC11b]. Pipeline
[ATN23, BG17]. PISA [ALT*07, HCBS18a, HCBS18b, JCC20, KC22, MKSK16,
SS18, TH19, YCH04, YAC10, ACY10, CBDV10, DK10, GCS10, Ho10,
Ku10, KV10, LS14, LH15, MRA10, NF10]. PISA/LSAY [JCC20]. Place
[KKL20, Kuw13]. place-based [Kuw13]. Placement [RJ21]. Plain
[Sch14]. Plain-English [Sch14]. plan [GDSD10, TT14]. plane [KAC15, Pap10],
planetary [LNW22]. Planned [DNWC18]. Planning
[ANL21, DHB19, DJB15, jkmh20, SLV22, SCS*12, Tay18]. Plans
[LSK18, SEW18, KB17]. Plant [Lin04, NPR12]. Plants [Wan04, Wan07].
Plots [LKC*15], pOH [KYA13a]. Point [BC06, KG15]. Points
[HjKlz23, Jon19, LL20]. Policy [SW23, YAC10, AV06, ACY10, HP11].
politics [NWD11]. Pollution [KJC18]. Polynomial [AGBC17]. population
[LNW22]. poser [KK16]. Posing
positions [Wel15]. positive [SWA*12]. Possibilities [TT14]. Possible
[AO16, Koy23, MSA17, L LT09, MPB10]. Post
[GS0*17, WM17, MR14, NWD11, RHM*11]. post-16 [NWD11, RHM*11].
Post-Apartheid [WM17]. post-compulsory [MR14]. Post-secondary
[GS0*17]. Poster [NOVRR22]. Potential
[JLC17, Lee21a, ME13, RGC08, Ron18, ZW20, KGA*11, TSA12, TT14].
Power [IIE*17, LHL*09]. Powerful [ARdMB23]. PowerPoint [WSA07].
practically [LTT06]. practically-based [LTT06]. Practice
[ES08, ELO08, JWR20, Kan23, KRS23, LTD*18, LCB21, MBBR08, FPCM23,
WBM21, WFK*16, YKJ20, CTT*11, FL11, Kon13, LC14a, LC14b, LYP14,
MMK11, MIJJ15, Sch15]. **Practices** [AK17b, DS18, DRZ20, DA20a, DA20b, EP21, GPCB15, HHJR21, HDvJ21, HCBs18a, HCBs18b, IAS17, KLR23, Kil18, LR20, LL05, LC23, MSA17, MA21, MRC23, NP23, PP08, PDUA21, RJ21, SCG+19, SV22, SF22, SBN16, Aky16, Ama16, Bag11, CCN+12, NRKR13, QM14, RB13, Sap13, SC14, SBN14, So16, TRF05]. **Practicing** [KBK+22, SAA18]. **Practitioner** [HHS+21, PH19]. **Practitioners** [ERC03]. **Praxeological** [TS20]. **Pre** [Ala16, ABPD16, AO16, BSLM16, BSG+23, Bay09, Bil06, Bia04, CAC07, CPTMSM22, CY21, CT04, DS15, DB17, DJBJ15, EKC+21, ELO08, GC19, Gub16, HM09, IEED+23, IFL20, Jaf20, Jao17, JRWB23, KEC23, Kil18, KN13, LL23, Lau22, LL06, LHC17, LL21a, LL21b, Lin05b, MRC23, ÖÖZ3, PSB19, Pet22, PA22, RML22, Ron20, RCC22, SBR22, Tay18, TM17, VBACCG22, Wan20, WSW+08, YZK15, YRR09, CA14, DK15, GGD15b, KIR12, KB17, MPB10, NN11, Oh14, SMFL15, TRF05]. **Pre** [BSG+23, LL23]. **pre-entry** [MPB10]. **Pre-kindergarten** [TM17]. **Pre-school** [DJB15, TRF05]. **Pre-schooler** [BSLM16]. **Pre-Service** [Bay09, CPTMSM22, CT04, ELO08, Gub16, Jao17, SBR22, WSW+08, YZK15, YRR09, Ala16, ABPD16, AO16, Bil06, Bia04, CAC07, CY21, DS15, DB17, EKC+21, GC19, HM09, IEED+23, IFL20, Jaf20, JRWB23, KEC23, Kil18, KN13, Lau22, LHC17, LL21a, LL21b, Lin05b, MRC23, ÖÖZ3, PSB19, Pet22, PA22, RML22, Ron20, RCC22, Tay18, TM17, VBACCG22, Wan20, WSW+08, YZK15, YRR09, CA14, DK15, GGD15b, KIR12, KB17, NN11, Oh14, SMFL15]. **Pre-Test** [LL06]. **Preactivation** [BES12]. **Preconceptions** [Lin16a]. **Predict** [AN18, Lin16a, ZBB22, KYA13a]. **Predicting** [HGK11, Lau22, sY19, AK13, LHL+09]. **Predictions** [RMR22]. **Predictive** [HGSL18]. **Predictors** [LS23]. **Preface** [BKC15, HISH16]. **prefer** [DBS15]. **preference** [DBS15]. **preferences** [Ded15, LTT06]. **preferred** [JLU+10]. **Preliminary** [Yor23]. **Preparation** [Koy23, McO03, MWM05, BW10, HT13, MG15b]. **Preparations** [YAC10]. **Pre-service** [APR+17, Ari18, Ari19, AK20, AOJT22, BW10, CRC22, ÇP17, Cor17, DKL16, Gov17, HKS122, HLLK23, KL18a, KD22, KKE+17, LLP19, LL20, Leu22, LCC+09, LSK18, LW16, LdCCK21, MS18, MA21, MA05, Ols07, Pl19a, PDUA21, RTC22, RJ21, SIA23, Shi21, SL21, TWS+13, TNNK23, WHA14, WSA07, Bur10, DFR06, D11, HT13, KHL12, WMS13]. **Press** [Sum16a]. **Pressure** [TK22, JWVx23]. **Primary** [AVT16, AD16, AOJT22, AAM20, BHD+15, BG22, CT04, CBR21, FL23, GCGC18, GC19, GC21, HIl18, JRWB23, KR18a, KLH15, KFM+17, LNP+18, LAN20, LL23, LHC17, Lin05b, Mad22, MG15a, OHLHC23, RML22, SC03, SIA23, SV22, SE22, SP17, So03, SZCL18, TC03, TC07, TNNK23, TPK+23, VB20, VJ06, VA21, WL21, WSZ23, WESS23, ZBL+16, ZV18, ZTW23, CGR13, DBS15, Ded15, EL15, JWVx23, LP11, MSK22, MG15b,
CTT⁺11, CBO09, KKL20, MSS22, NPR12, SAPM22, AH11]. Proof
[EH18, LYC04, OL08, Sty08, ZZ16, CEB12, Ko10, PPS12, TBT⁺10]. Proofs

Proportion [Ari18, ELY15]. Proportional
[Ari19, AB18, BW020, CGBD23, DLD18, JLO18, Bay13, DVV15, HNB11].

Proportionality [BG22, LS21, LK18a]. Proposals [GFCG18, RR09].

Proposed [Ful15, PZLR16]. Proposing [GPR⁺18]. Propositions [Miy08].


Properties [DNV17, El 23, FG21, Aky16, APCK12].

Qatari [QVST17, SWAEKS19]. Quadratic [BHWM20, HSH22].
Qualifications [VT07b, VT07a]. Qualitative
[LL23, MSAGHMNG19, Ng20, SD16, Hal12, YL08]. Qualities [FL06].

Quality [Bay13, HKS18, HHT21, JYC21, KAK22, Law05, El 21, NOVRR22,
NP23, SPF23, Yam18, YY13, ZBB22, BK13a, BJ10, Kaz14, Kn10, ZC15].

Quanta [AKD⁺19]. Quantifying [BTY11]. Quantitative [OÇ08].

Quantitatively [SR21]. Quantities [CT17, Par07, HNB11, LS15].

Quantization [AKD⁺19]. Question [KD09, DMNH11]. Questioning
[BRMNH15, HYL23, LTT⁺20, SRSD23, WHA14]. Questionnaire
[ZVV18, Ded11, GGSP10, SCSt⁺12]. Questions
[Gal22, HP21, HMS16, NvKR⁺18, NKR⁺18, NPT17, UE19, NY11]. Quite
[OHLC23].
YL18, YWC+18, YT22, AM14b, BVDV13, HTWT14, HYC+16, Hun14, KKvdW15, Lin14b, Lin16b, MMM11, VR12, WWTC10, YHT16, Yük14.

Readings [Ber19]. Real
[ASR19, AS22, BLS20, GOMLS18, Jon19, PDÜA21, SS18, CP12].
Real-World [ASR19, Jon19, AS22, CP12]. Realism [WKG20]. Realistic
[Fre23, Yan19, CVCV11, SP15]. Realities [Fan21, AV06]. Reality
[SD22, SLW10]. reasonable [AR10]. Reasonableness
[DD23, Yan19, YS19a]. Reasoning [AD16, AB18, BBST06, BRSG20, BW020, CGBD23, DHB19, DWM16, Din18, DL22, DLL18, GGBW23, HM09, HM22, JLO18, JSS17, Joh16, KKV+22, KR18a, KK23, KH06, LYC04, LY07, Ols18, RBT20, SChB22, Shi21, SRS23, Sun13, Sum16a, Sum16b, Tur22, VWH+17, XFT21, YKUIB17, AGB14, AH11, AT15, BES12, Bay13, CS15, FH12, GCK15, HNN1l, LM15, LH14, NSV13, Per20, SW14]. Reasons
[DAM19, DB17, HBTP13]. Reassembling [Tan11]. Recall [SL20].
Recognise [WFWK23]. Recognising [PN18]. recognition [AR10].
Reconciliation [Cor17]. recontextualisation [TRF05]. Recorded
[Own06, Own10]. Reference [KH06, SP15]. Referent [CGÖ22]. References
[SGCA18]. Refining [GZ21, PCL18]. Reflection
[KD22, MI17, KLI+13, KBY11, MNE12, SCS+12]. Reflections
[OS05, GLY09, Dog21]. Reflective [MA21, Pet22, SJL20, WL08]. Reform
[CCT16, JSPR20, KA19, LHC17, Len05, MG03, MWM05, WPC04, As12, Me10, RCG+11, ZKS+05]. Reform-Based [McG03]. Reformed
[DNWC18, W121]. Reforms [AHO19, VT07b, VT07a]. Refutation
[KJ19, MZC+19, Tip10, AM14b]. Refutational [KLC+15]. Regarding
[AMG16, BRR+22, DIBS22, Gov17, JSRP20, KL18b, LSW19, LDG20, Miy08, Wil20b, Bur10, Ded15, LG13, THV+15]. Region [TDBLY16]. Regional
[TC07]. Regions [WL21]. registers [DPR08, MPM14]. Regulated
[CT04, FCS15, HLT22, HLS08, YWC+18, AYLW16, HYC+16]. Regulation
[LZL+18, PS017, TAC19, TL21, CC16, VAF12, YS19b]. Reification
[Shi18]. Reinventing [Tur22, Pap10]. rejection [GDD15b]. Related
[AYLW16, BÖL23, Güv09, HHT21, KR18a, LK18b, Nis17, PMC+17, RH17, Sas19, TLHV16a, TLHV16b, YJYO8, BW10, CSM12, CRR09, DC08, HW13, JC10, KB16b, LS14, LS14, Uit14, WCY16]. Relatedness [ZBB22].
Relating [BRA+20, DL22, TCC+10]. Relation
[AGBC17, LDCK21, PS017, SC21, WT20, KKvW15, TSP12]. relational
[KN13, Per20]. Relations
[EPFG07, FL06, LLHC23, MW09, MKSK16, YSHC23]. Relationship
[AYLW16, AD16, BRR+22, ES08, FCS15, HCH16, HILAT16, KC22, Khi23, Lee21a, SIA23, SL21, SS19, TLT21, Tay18, TH18, YnLL08, YKB21, AB13, CY14, KHL12, KV10, LY10, MAL+11, OBE12, ZEi10]. Relationships
[ARI19, Ble09, DC16, DRZ20, ES04, GB22, LI14, LYC04, MKSK16, PCM22, YWF20, BLO9, JLC+13, Pet13, Tig14]. Relative [KLI8b, PC13]. Relevance
[KKS+19, XF023, D10]. relevancy [HT13]. Relevant
[HHT+20, ATG13, NRKR13]. reliability [Per20]. Religious
[Gov17, KB16b]. Remediation [LL17]. Remote [GS13, TYW+17].
Renewable [EB20]. repeated [DDG+12]. Replays [Bro22]. report
represent [AB11]. Representation
[Cho21, KNF+20, LYL23, MRC23, TPK+23, ZF06]. Representational
[DGEP16, So16, ZYJ22, DK15, NSV13, SW14]. Representations
[AGBC17, AC20, CW06, CCT16, DNV17, DKL16, EPEG07, KL18a, KC20,
LKC+15, MO107, PN04, PCm22, RTTV20, SB17, Son22, TBP17, VC17,
XTF21, AGB14, ALA+15, DVV15, EFL+13, LLWS13, PC13, SB09, WLSL14].
Representing [GY19, Lil07, RK10]. Reptiles [YYC04].
Require [KRV+22, PSB19]. Required [SMPK+19]. Requirements [Joh16].
Rescue [Zio08]. Research [ALT+07, AK17b, BKC15, ELO08, FHL19, JRS22, KBB+15, KEB21, Law05,
Lec21b, Ler07, Lin05b, LK18b, MJ18, Ran06, SD16, Sas19, Sha06, SWAEKS19,
TLK22, Tsa06, WKG20, Aky16, ACY10, CTT+11, CBT+12, Din14, GACZ09,
Hal12, Ko10, KB14, MW09, MNE12, Ols07, Rut11, Tip10, YL08].
Research-Based [Lin05b, Din14, GACZ09, Ols07]. research-intensive
[MW09]. researcher [WCY16]. Researchers [QCH23, KB14]. Researching
[PZLR16]. Resource [Chi04, KGA+11]. Resources
[BWO20, Hew04, TT07, TSMW16, WM17]. Respiratory [HbK19].
Respond [BB19]. Responding [ED23]. Response
[BB17, KK22b, BHSC10]. Responses [CBR21, HSH22, KK22b, Ron18,
Str20, SWAEKS19, THAD20, WHC17, BZST10, BFE15, BSLM16, NPR12].
Responsibility [KSL23]. Responsive [HM22, jK19, NP23, RJ21].
Restructuring [MQ07]. Result [DC16, Yan19]. resulting [DMNH11].
Results [DD23, GG09, MKSK16, OÖ23, YS19a, YAC10, BK13b, Ded11].
Retention [AKHT23]. Rethinking [dFAN13]. Retrieval [CTC16]. Reveal
[HbK19, SBK+14]. Revealing [PP15]. Review [FHL19, JRS22, LL23, MN23,
SS21, TYW+17, WSC22, YKJ20, ZX20, LHL+12, LH15, Tip10, WCY16].
Revised [WO19]. Revisiting [PA22, ZZ16]. Rich
[ANLL21, EGJ09, MH17, ZB13]. Rico [HFVH17]. Riemann [JLC17]. Rio
[Kyl06]. Risks [ZGZM17]. Road [Kyl06]. Robotics [ZX20]. Robust [NP23].
Role [AFG21, AAF17, CTC16, CO22, DNV17, DK18, GGD15a, HHS+21,
KC22, KNF+20, Lau22, LLN+21, MZC+19, MFG+21, El 22, hCN18, RGC08,
SCGS23, SK17, SAPMP22, TR21, TC07, Tho22, TNHK23, VGDD23, AE10,
Bag11, BEF15, DVV15, FD12, MP10, MDT13, MG15b, OO15, WMP+12].
role-playing [BEF15]. Roles [IAS17, KKE+17]. ROM [LCC11b].
Romanian [ETG16]. rona [LG13]. Roots [Shi18]. Rotation
[MH17, PSB19]. Route [LC23]. Routes [Gil04]. routine [JSS17]. Rule
[BHWM20, Ron20, FH12]. Ruler [GFCG18]. Rules [EK18, SBT+06, Bab10].
Rural [AM04, PP08, SCC23, TC07, BSA+14].
S [SYOL07]. S1 [LGS18a, LGS18b]. S4 [LGS18a, LGS18b]. Safety
Saharan [BLS20]. Same [RL19, Ron20, EE11]. Sample [SW23, SP05, WK08]. Sampling [MSAGHMNG19, JLC+13]. Satisfaction [AM04, WT20]. Saudi [AHO19, AAS13, Alg20, KA19, Tig14]. Savart [Ma14]. Scaffold [IFL20]. Scaffolding [BFH19, BWK+19, Kil18, KVB22, MBF13, RML22, TWC+16, LHL+12]. Scaffolds [CHC16, DK18]. Scale [BMD+17, Din18, Dud17, KR18b, KSL23, Lin17, MB21, SWAEKS19, TLK17, ZVV18, ALT+07, CCG+11, KBY11, NFK10, TS016]. Scales [SCD21]. Scaling [LTT+21]. Scanpaths [LW18]. Scenario [KK+19, KKS+19]. Scenarios [SLV22]. schema [GLSM11]. schemes [BC11]. Scholastic [TKS18]. School [AVT16, AYLW16, AM04, Ari18, AOJT22, AK17b, AAM20, AB18, ABG06, Bal18, BJT23, Bea22, Bin20, BG22, CÖ20, CCL22, CC18, Cho21, DC16, DB17, DD23, Din18, Dog16, DO23, Eng17, EkB19, GT19, GR21, GAMDV22, Hli18, HLT22, HBP17, HGSL18, HHH+23, Hsu19, JLO18, JMS16, JLL20, Kan23, KKK22a, KWO07, KB16a, KN22, KFM+17, LAN20, LE06, LL23, LFF03, LLIW+20, Len06, LZZ+18, LYL23, Lin04, LCC16, LR08, LLI22, LDG20, Mad22, MH17, MSdSG17, MSAGHMNG19, MSGVZDF20, MSAGHM22, MB20, MRDCC17, MFG+21, MOI07, NLHS08, Ng10, hCN18, NF20, NPP16, PT23, PL15, PSB19, PTW05, PDÚA21, PPCC20, PA22, RH17, RTC22, RGC08, RTM+20, SEW18, SWDR20, STD+23, SGCS23, SV22, SLK20, SP17, Sha06, SSS18, SWCH20, So03, Sum16a, Sum16b, SCC23, SMSBZ23, TLT21].

School [TC07, TKDD19, TT18, TSP16, TYC17, TSC17, TPK+23, UM18, Ulu21, UFW17, VT07b, WL22, WT20, WO19, WAL23, WS16, WHH08, XC21, XFI23, YMMZ22, YKC18, YKUB17, YSHC23, YCL04, YFW20, ZVV18, vV16, AAS13, Bag11, BK13a, BS15, CWW11, CTGS15, CK14, CWZ23, DBS15, DMNH11, DJB15, EGNI11, GN08, HBP13, HK10, Jac12, Kiu13, LS14, Lin14a, LLI09, LCC11b, MSK22, MS14, MUK11, MJJ15, MP10, MMZ09, MG15a, MLK+15, NY11, NN11, dFAN13, OdC15, ŌD09, PPS12, PV14, Ped15, QM14, RCT+11, RB13, RRV11, RVG15, Rut11, STC12, TBT+10, TO16, TRF05, Uit14, VT07a, Wai14, WP12, WT15, Wel15, Yan14].

School-Related [RH17, LS14]. School-Type [SCC23]. Schooler [GD19, BSLM16]. Schooing [WM17, MRA10]. Schools [CA21, DH18, LTT+21, LFMI+19, PP08, Saw19, WESS23, ZTW23, vKF22, BSA+14, CBV10, ETG16, Fu15, LP11, MR14, PZLR16, SLW10, ZKS+05]. Sci [LGS18a, LGS18b]. Science [AP8+17, AAA16, ABAHA23, AHO19, Alg20, AMG16, AD16, AAF17, ALT+07, ALT14, AM04, Ano12a, Ano12b, ABH17, AO16, BdSSC16, BSG+23, BE16, BB09, BAN21, Bin20, Bia04, Bl19, CRC22, CA21, CO18, Ceg21, CCGH17, CY21, CWLH19, CCL22, Chi04, CYT16, Cho21, CGR17, CMP19, CFC22, Cor17, CT04, DS18, DC06, Das05, DÇÖK23, EDMA15, EKC+21, EY23, ED23, FLH19, Fun21, FH1mL18, Fun21, FL23, GSI16, GCCCG18, GC19, GC21, GHS+18, Gil04, GPC15, GSO+17, GHP07, GRWHP19, GJ21, HK21, HSMO06, HTCS19, HymYB07, HNMG16, HDR21, HC16a, HFVH17,
Hew04, HLT22, HBP17, HHS+21, HY07, Hua06, HC16b, HCH16, HILAT16, HL04, ÊED+23, IAS17, IK18, Jaf20, Jia19, JWR20, JLU+10, JLL20, KST+23, Kan23, KK22a, Khi23, KYA13b, KKE+17, KA19, KK22b, KS21]. Science [KEB21, KSE16, KTC19, Kylo6, LCA16, LF17, LJ20, LOJ08, LLF03, LL05, LLW+20, Len07, Len22, LYL+18, LYL23, Lin14b, LLC+15, LLC+16, LW16, LL17, LLHC23, LJC08, MSS22, MNBZH+05, MHIS09, MSA17, MDL08, MVC17a, MVC17b, McC03, MP10, McG03, MWM05, MJ18, MBBR08, MS18, MA21, MB20, MKS16, MC04, MN23, MAA05, MRC23, NACE22, NLEW16, NL08, OS05, ÖÖZ+23, PSH19, PSo17, PPZ08, PZA16, PSM+20, Pet22, PB09, QHS+20, Ran06, RGC08, RAL+07, RBE21, Ro19, RV17, RH15, SIA23, SB21, SBS+07, Sch14, SGo9, S16, SC21, SCDC21, SSS18, SS21, AKA18, SCB16, SWCH20, So03, SZCL18, SGHM15, SS19, Str20, SWAES19, TKB21, TWC+16, TLK22, TAC19, TC03, TC07, TYV+17, TPS21, Tsao6, Tyc17, TA15, TSC17, TPK+23, VJ06, Vid15]. Science [VTV16, VT07b, WB20, WL21, WL22, WC16, WT18, WL18, Wan20, WT20, Wai17, WQ09, WCC19, WS16, WSA07, WFK+16, WCG09, WCC+18, Xu22, Yam18, YHL18, YKJ20, YWC+18, YS19b, YCHO4, YT07, YT22, YWG21, ZSW+21, ZBB22, ZTW23, ZP06, rSY19, ATG13, Ale14, AAS13, AMB16, Arc12, AK13, AM14b, AAY15, AB14, BTT11, BW10, BLO9, BMN16, BAV+11, BHN+15, BHO14, Bur10, CA14, CCG11, CWZ23, Che11, COWL15, Chi12a, CYK+16, CBO09, CJOc11, DFR06, DAO+11, DRT+12, DK10, Ehr12, Emo09, FG14, FD12, GCS10, GGD15b, Hal12, HCC15, HT13, Ho10, HTWT14, HEB11, HK10, HNB11, HPcH+16, HYC+16, HSH+16, HSH16, HL07, Hun14, IK14, Ing14, JLC08, JWVx23, JLC+13, KGA+11, KB16b, KYA13c, KYJS12, KBY11, Kn10, KV10, Kw13, KB14, LAMV12, LCC11a, LHL+12, Lin14a, Lin16b, LH15]. science [LC14a, LC14b, LS14, LM12, LLL15, MMK11, Mel10, MDT13, MMZ09, MG15a, MG15b, Mor14, MPB10, NCH11, NRKR13, NEAC10, NF10, NNI1, Oh14, Oh10, OEMZ12, PZLR16, PC13, RB13, RRL12, RSPK14, RR09, Rut11, SC14, Sch15, SOTF13, SYOLO5, SYOLO7, SIS+11, SWA+12, SC11, mS13, So16, SLES09, TOV12, TS016, Tg14, Tip10, TT14, TRF05, UKM11, VAF12, VRW05, VR12, VT07a, Wai14, WCT+12, WT15, WLJ14, YHT16, YL08, Ze15, ZKS+05, ZC15, ZB13, LAMV12, Lin16b, NOVRR22]. science-based [FG14]. Science-Methods [Ble09, BL09]. Science-Oriented [MNBZH+05]. science-related [LS14]. science-text [YHT16]. Sciences [Gov17, SLC17]. Scientific [AD16, BWK+19, BE16, BMD+17, CS16, CC05, Das05, DWM16, Din18, Dog21, ELRWB20, Fan21, Gov17, HCBS18a, HCBS18b, JC21, KAK22, KP18, KV22, LOJ08, Lee18, Lin16a, LLL22, LCB21, MSA17, NOVRR22, Pet22, PBDE23, SKS+23, TR21, TH18, VTV16, VCSA+23, WB20, WSA07, WSW+08, Yam18, YTHH22, YLTO21, YPT07b, YFW20, AB11, AB13, AMBL16, ARdMB23, BSLM16, ÇTC14, CS15, HS14, KR18a, LCC+09, MLK+15, NSV13, OBE12, SC14, SLES09, YZK15]. Scientist [HHS+21, Hsu19, Mor14, PBDE23, Sas21, AB14, DW15, SPF23]. Scientists
[CC14, KSL23, AB14, CTT+11, LNW22, MJMOR11]. **scope** [Rut11].

**Scoping** [MN23]. **Scores** [HILAT16, LM12]. **Scripts** [CC16]. **sculpture** [Nar15]. **Secondary** [Fun21, KRS23, PB09, Are12, Lin12].

**Secondary** [AC20, AHO19, ABPD16, BG17, Bin20, Bro22, CK22, CY21, CGR17, EPEG07, EP21, Fan21, FHumL18, Fun21, GHP07, HHH22, HJHR21, HFVH17, HMS16, HDvJ21, JSH+19, Kan23, KWO07, KHNV20, KB16a, KA19, KN22, KOT16, Kul18, Len06, LR08, MSAHM22, DG19, MBBR08, MRDDCC17, Ng10, OS05, PPS12, PP08, PTW05, PA22, PH18, PJ09, RJ21, SGCS23, SB17, Sum16a, Sum16b, TS20, TCH+17, VT07b, Wi21, Xu22, XFH23, YMZ22, YT07, vKF22, AOÇ10, Bag11, BS15, CWW11, CDT+11, DED15, EGT16, EGN11, Ful15, GN08, GSO+17, HK10, KKvdW15, KV10, MODBB12, MG15a, NFb+15, Oh14, OdC15, Ped15, QM14, RT10, SIS+11, Uit14, VT07a, WP12, WT13, WD12, TBT+10, VCSA+23].

**Secondary-Tertiary** [DG19]. sectors [BRMNH15]. see [DL12]. **Seen** [OHLC23, GLY09]. seismic [MMV16]. **Selected** [ES04, ES09, WBB17, ZF06, BAV+11]. **Selection** [LL21a, LC23, LDG20, SWDR20, BHSC10]. **Selective** [Shi21]. Self [AYLW16, AO16, CC16, CIZ+23, CT04, DC06, EP21, FCS15, Gao20, HZL22, HLT22, HBP17, HHT21, Lau22, LLW+20, LZL+18, LJCO8, LS23, MRLM21, MS18, MA21, NOVRR22, NLS08, Pso17, Saf18, SKS+23, SCB16, TLT21, TAC19, TLR21, TH18, VHM22, WT20, YWC+18, YS19b, Yu07, ZB22, Are12, Bag11, Bur10, CK14, Chi12a, HYC+16, JLC08, LM12, Pet13, Tig14, Uit14, VAF12]. **Self-Concept** [SCB16, YT07, MRLM21]. **Self-concepts** [HB17, Are12]. **Self-Determination** [CIZ+23]. **Self-Diagnosis** [Saf18]. **Self-Efficacy** [AO16, DC06, Gao20, HZL22, HLT22, HHT21, LLW+20, LJCO8, MS18, MA21, TLT21, TH18, Lau22, SKS+23, VHM22, Bag11, Bur10, CK14, JLC08, LM12, Pet13, Uit14]. **self-enhancement** [Chii2a].

**self-perception** [Tig14]. **Self-Regulated** [CT04, FCS15, HLT22, NLS08, YWC+18, AYLW16, HYC+16]. **Self-Regulation** [LZL+18, Pso17, TAC19, TLR21, CC16, YS19b, VAF12]. **Self-Reported** [EP21]. **Semantic** [WJ07]. **Semesters** [YHL18]. **Semiotic** [Shi18, XFT21, Xu22, GGBW23, Mas15, MMP14]. **Semiotics** [SA22]. **Senior** [VC17, BSA+14, LLT09, RCT+11]. **Sense** [ABPD16, CO20, DD23, JLO18, KKL20, KLEh22, Ptt23, SP17, SW23, SWCH20, YZK15, Yan03, Yull08, YRR09, YS21, Als12]. **sense-based** [Als12]. **Sensemaking** [DJZ21, VCSA+23]. **Sequence** [KEC23, LL21a, MVC17a, MVC17b, SLZ+18, ZYJ22]. **Sequences** [Bar17, BHWM20, GACZ09, NEAC10, WD12]. **sequencing** [BVDV13].

**Serbia** [MB21]. **SERI** [KK5+19]. **series** [Rut11]. **Service** [ANLL21, Bay09, CPTMSM22, CT04, CBR21, ELO08, Gub16, Jao17, KR18b, LTM18, SBR22, VA21, WSW+08, XC21, YZK15, YRR09, Alal6, ABPD16, AO16, BSG+23, Bll06, Bla04, ÇAC07, CA14, CY21, DS15, DKB15, DB17, EKC+21, GC19, GGD15b, HM09, ÍEID+23, IFI20, Ja20, JRBW23, KIR12, KEC23, Kil18, KLJ+13, KB17, KN13, Lau22, LHC17, LL21a, LL21b, Lin05b,
[AD16, Ari18, DGEPI6, EPEG07, FL06, GC19, GAMDV22, HSH22, HC16b,
HCH16, JC17, JSS17, JSH+23, KRV+22, KC20, KVBB22, LTT+21, Lii07,
LR08, Lor05, MCF23, Nis17, Ols18, PMCG+17, Rot20, SCG+19, SL21, Son22,
ST05, SCC23, YTHH22, Bab10, BFE15, CVCV11, CY14, CL20, Gok15, JC10,
JSP15, KAC15, LLWS13, LL14, SY14, SOFT13, SBK+14, Voi11, YFL15].

Some [ES09, GOMLS18, SC03, TVC03, CRR09].

Sorting [Gao20].

Source [KH08, Lin16a].

Sources [Gao20, MS18, Son22, WCC19, DRT+12].

South [TC07, CABR06, Dud17, HK10, KK22b, RR16, SE22, SBN14, SBN6,
TVC03, VA21].

Southeastern [GGD15b].

Southern [GSC15].

Space [GFCG18, LK22, DPK08, HT13, Owe14].

Spaces [GCK15].

Spain [CGR13].

Spanish [AM14a, AOJT22, FMOMG16, GFCG18, MO23, VRFCT+08].

Spanish/English [AM14a].

Spatial [LC23, SA16, AB13, AT15, CY14, MMM11, Oz10].

Spatially [DL12].

Speaking [Wil20b].

Special [AM14a, AOJT22, FMOMG16, GFCG18, MO23, VRFCT+08].

Specialized [SMG+19].

Species [BBT17].

Specific [BL21, CY21, CGTQ21, DK18, KLH15, SGHM15, SGHM16, UKM11].

speed [JC10].

spiral [WLSC09].

Sports [ELRW20, HBP17].

Spotlight [LL21b].

Spots [E123].

Square [Shi18].

Sri [CEB12, AKA18].

SSI [KKL20].

SSI-COMM [KKL20].

SSynQs [HMS16].

stability [CdHD16].

staff [SY05, SY07].

Stages [TS04].

stakeholder [Web13].

Stakes [Fos22, SWA+12].

Standard [MZC+19].

Standards [WO19, Lee16a, NFK10, OS10].

Start [WwLD+15].

starting [KG15].

State [HL04, Xu22, HEB11, OEMZ12, TDBLY16, TCC+10].

Statements [KP18, MRBCC17, YCL04].

States [Bar17, TVC03, TCC+10, ZF06].

Statewide [Saw19].

Statistical [AkB21, LOJ08, LH15, Shi21, TT18, WK08, vDDDB22, CP12, LLT09].

Statistics [AK20, BOL23, CCW16, Wat17, Yan14].

Status [KC22, KB16a, Kot16, Lee21b].

steam [KB17, CC18, CMP19, QHS+20].

STEM [CCCN17, Saw19, HCC15, Ing14, ATN23, AKHT23, AEP22, BMD+17, BG17,
BB19, CYLL23, CIZ+23, Dahl17, DBV22, Eng17, EK19, FYL21, GT19,
GRWHP19, HGS18, IAS17, JCC20, KB21, KN22, LL23, LF+19, Lei19,
LC23, LS23, MRJ+21, MTMKR23, MO23, MFG+21, OHLC23, PBP18,
PZA16, PD17, RG20, SPF23, SEW18, SWDR10, SIA23, Sas19, Saw19,
SKS+23, SZCL18, SL+20, SAPM22, TKDD19, TM17, VCSW20, VB20,
VHM22, WSZ23, WESS23, WSC22, WFWK23, WBM21, Wil21, XFH23].

STEMming [RG20].

Step [Gal22].

Steps [AS22].

stepwise [Gok15].

Stereotype [TPM19].

Stereotypes [AKHT23].

Stickers [KKE+17].

still [RT10].

Stimulated [SL20].

Stochastics [RCC22].

Stoichiometry [HmYB07, DC08].

stone [Nar15].

Stories [LCB21].

story [AM14a, HPP09].

Strategic [SCS+12, WHC17].

Strategies [AT07, AOZ09, Ala16, AFG21, ABPD16, Ari18, Bea22, BHWM20, FCS15,
GD19, HmYB07, JC10, Lee16b, LZL+18, PL19a, PSB19, TVC03, WSA07].
YRR09, Als12, BC11, Ebr12, Gok15, Hal12, KAC15, LT11, Oh11, SBK+14].

**Strategy** [BRR+22, JSH+23, LB08, OÖ23, SRSD23, CKH15, GN08].

**strength** [KYA13a]. **Strengthening** [Hsi13]. **strengths** [BSD13]. **Stress** [HSM06]. **Stressful** [HSM06]. **Striving** [Lil07]. **Strong** [HTCS19].

**Structural**

[DGE16, FCS15, JCC20, PPS12, VAF12].

**Structure** [CGR13, EA19, MSdSGG17, Pit23, TWC+16, TYW+17, AM14b, Che11, KN13, LY13, NFB+15, Oli10, TSP12, WLSN14]. **Structured** [LB08, SCiB22, Can14]. **Structures** [DIBS22, EKB19, SF22, GLSM11, THV+15]. **Structuring** [CB16, Nis17].

**struggles** [AH11]. **STSP** [SPF23]. **Student**

[AT07, ASR19, AGBC17, AOZ09, AB11, AHO19, AFG21, AKHT23, AYLW16, ALT+07, ABHI17, AE15, AWL16, AB18, AOÇ10, AKD+19, BWK+19, BB09, BÖL23, Bi06, BRR+22, BCC06, CCW16, CÖ20, C4HD16, CA21, CS16, ÇK06, CK22, CT18, Che12, CCL22, CIÇ+23, CH20, CGR17, Cor18, CIBP23, DC06, DC16, DV15, DNV17, DAM19, DK18, DÇ0K23, DWM16, DRT+12, DL22, DO23, EN08, ELMR20, EK18, ED23, EG17, FB19, FTWC18, FH12, GR21, GSO+17, HP21, HHH22, HbK19, HsnYB07, HE17, HKS18, HLT22, HGSL18, HHS+21, HHH+23, HMS16, Hsu19, HLT18, HSH22, HCH16, IAS17, IK18, IFL20, JC17, JLO18, JSS17, JCC20, JML21, JSH+23, JHW22, JSH+19, JSRP20, Jos19, KST+23, KRA8a, KAK+20, KWO07, KYA13b, KB21, KA19, Jk19, KKL20, KK22b, Kim22, KÇ18, KK23, KH06].

**Student**

[Kul18, LCA16, LE06, LJ20, LSW19, LL06, LFF03, Lee16b, Lee18, LLW+20, LM21, LP23, LEB06, LTYC07, Lin04, Lin16a, LCC+16, LL17, LC23, Lin17, Liu05, LR08, LH08, LLL22, LDG20, Mad22, MH17, MCF23, MSA17, MSdSGG17, MRLM21, MKSK16, MRDC17, MFG+21, Ng10, NLW16, hCN18, Ng20, NFB+15, NK04, OS05, Oro16, OBH17, PS017, PP08, PP15, PA16, PUR18, PN04, PTW05, PBDE23, PRW+07, Pit23, PCL18, PD17, PB09, RTC22, RSPK14, SPF23, SR21, SEW18, SWDR20, Saw19, SL20, Sch14, SLK20, SMPK+19, SKS+23, SLC17, SCOK19, Shi21, SLCK19, SA16, SWCH20, SZCL18, SJL20, SF05, SRS23, Str20, Su08, SWAEKS19, Sun16a, SK23, SCC23, THAD20, TT07, TH19, TL21, TAC19, TPB17, TY23, Tay18, TCH+17, TWS+23, Tur22, UFW17, WRV05, Vid15, WSZ23, Wan07].

**Student**

[WL08, WC16, WT18, WT20, WK09, Wil20a, Wil20b, XFT21, Xu22, YHL18, YS19a, YS21, YKC18, YSHC23, YS19b, YL22, YCH04, YT07, Yor23, YCL04, YY13, YWF20, YY08, vV16, vKF22, ARZV16, AAMU+14, AR10, AM14a, AW12, AE16, APCK12, BZT10, Bag11, BHS15, BS15, ÇAC09, ÇTC14, CSM12, CPMSW11, CWW11, CK14, CWZ23, CDT+11, CYK+16, CBDV10, DC08, DBS15, DFR06, DMNH11, Ebr12, ES16, GS12, GN08, Gok12, Gok15, GS13, HBTP13, HCC15, HL13, Ing14, JLCT12, JWVx23, KYA18a, KST09, KB16a, KYA13c, KKvdW15, Kw13, LM15, LeP12, Lin06, LHL+09, Lin14b, Lin16b, Liu09, LLT09, LS14, LM12, MS14, MMK11, M0dBB12, MMR15,
MJMOR11, MPB10, MMV16, MR14, NPR12, OL14, ÖDC09, PPS12, PC13, PMSK+12, RK10, RCT+11, RJHB12, RVG15, RT10, Rut11, SKA11, SMFL15. 

**student** [SWA+12, STC12, SG15, SBK+14, SW14, TSA12, TCC+10, TC09, TSP12, Uit14, VAF12, VR12, WLSN14, WCT+12, WLJ14, Wel15, WMP+12, YHT16, YFL15, ZC15]. **Student-Centered** [MH17]. **Student-led** [BB09]. **Student-teacher** [BB09]. **Student-with-GeoGebra** [JC17]. **Students** [ABAHA23, AAM20, Bea22, Ceg21, CC18, CMP19, DBV22, DD23, Din18, DLD18, FMOMG16, Gao20, GSH+17, GHL22, Hil18, HDvJ21, HILAT16, HL04, IA08, KD09, KP18, KRS23, KNF+20, LJ16, LZL+18, LC32, LS23, MNBZH+05, Miy08, MOC23, NACE22, NHLS08, NP23, Nis17, ODTS07, PT23, PFFG+18, PPCC20, Pir23, RGC08, RH19, SHM21, SD16, SO08, SS18, SMB12, Sc21, Sha06, SRS12, SS19, SK13, TLR21, UM18, VB20, VCSA+23, WL18, WM19, WFWK23, XC21, Yan03, YT07, YC32, ZBL+16, ZJ22, ZK20, AC15, Al12, ABML16, AK13, AU15, BSA+14, BRMNH15, CTT+11, CL10, CC14, CCW15, CEB12, CJOC11, DAO+11, DL12, EDS10, IK14, JC10, JW15, JLU+10, KV10, LN22, LLWS13, LG13, MK+15, NEAC10, OFB15, Odc15, Ped15, RIR16, SY14, SC11]. 

**students** [TS016, Tig14, WWTC10, WT15, WK12, YH14, ZE15, ZS11]. **Studies** [ERC03, GHP07, LSW19, DV15, Hys13, HYC+16, SLES09, WCY16, YLO8]. **Study** [APR+17, BFH19, Ber19, BBT17, BAN21, BC05, CT17, CL20, CABB06, CT04, DNV17, Gao20, GG09, GRWH19, HNMG16, HHF+23, JW123, Jia19, JSH+23, JHH16, KRB+22, Khi23, KHA13b, KL18b, KRU19, KHO1, KW12, LSW19, LB08, LM21, Lee21a, LKL20, NKR+18, Oro16, PPB18, PZA16, PN04, PRW+07, PPCC20, QCH32, QVS17, SAP13, SMPK+19, SC21, SE22, SA16, Str20, SMSB23, TSMW16, TLH16a, TLH16b, VC17, VCSA+23, WB20, Wan07, WL08, XHF23, Yan03, YUL08, YHL18, YKKB19, YTHH22, YYY04, YCH04, ALA+15, AB14, BSA+14, BPG11, BW10, BC11, CTC14, Cha10, CL10, CCN+12, DW15, DRT+12, EDS10, ETG16, FD12, HFWY14, HY05, JHC10, Kan11, KHA13b, KJS12, KK16, LCC+09, LLET09, LCC11b, ME13, MMP14, MIR14, OS10, OdC15, ÖDC09, PZLR16, PV14, PML15, RDB12, RL12, RT10]. **study** [Rut11, So16, Tan11, TOV12, TDB16, Top13, TCC+10, VTCs14, WK12, Yan14, YHT16, ZS11, vAL06, NvKR+18]. **Studying** [Saf18, TRF05, SY14]. **Style** [CL20, HP21, LLL22]. **Styles** [YSHC23, CA14, WT15]. **Sub** [BLS20]. **Sub-Saharan** [BLS20]. **Subconstructs** [JML21]. **Subject** [Gub16, HLD23, JCC20, KHL15, Ng20, PH18, VCSW20, DW15, KN13, dAN13]. **Subject-Specific** [KL15]. **Subjective** [CIBP23, YKC18]. **Subjects** [TKY20]. **submicroscopic** [RK10]. **subtask** [Per20]. **subtraction** [OO12]. **Success** [AN18, CKH15, LM21, RVT20, PSC+13]. **Successes** [BAN21, ACY10]. **Successful** [KRU19]. **Suggested** [OE19]. **Sum** [JLC17]. **summer** [AMBLL16]. **sums** [WLJ14]. **Sun** [DC16, SLW10]. **Suppl** [LGS18a, LGS18b]. **Support** [CY23, Ceg21, Dog16, LTT+19, SGCS23, SGHM15, SGHM16, SP21b, TYW+17, TPS21, Ing14]. **supported** [FL11, LL14]. **Supporting**

Lee21a, LL21a, LL21b, LTM18, Leu22, LBBE22, LTCCY07, LSK18, LW16, LJC08, LdCCK21, LTD+18, LDG20, LK18b, MK23, MHIS09, MSAGHMNG19, MSGGVZDF20, MODBB12, MGe03, MWM05, MBBR08, MA21, MB20, MKSK16, MIMA05, MFG+21, MOI07, NKR+18, NPT17, Nyi15, OHLC23, O08, PSO17, PL19a, PUR18, PL19b, PN04, Pe22, PDE23, PFCM23, PA22, QCH23, RTC22, RMI22, RAL+07, RBE21, Rot20, RH15, RH19, RCC22, SCG+19, SFPF23, SR21, SBR22, SMG+19, SCI22, Seal6, SC21, SE22, SAA18, Shi21, Shi22, SL21, SJL20, SMZ06, Sum16a, Sum16b, SP21b, THAD20, TK22, TBP17, Tay18, TC07, TCH+17, TSKIB22, TKDD19, TWS+23, TPS21, TNHK23, TA15, Ulta21, VHM22, VA21, WM17, WJ07, Wan20, WCC19.

Teacher [WBM21, WKG20, WHH08, WHC17, WIC21, WCC18, XC21, YZK15, Yum18, YKB21, YKUIB17, YS19b, YWG21, ZZ16, ZSW+21, ZV18, rSY19, AV06, AH11, AAMU+14, AAS13, Ama16, AW12, Bag11, BB09, BW10, BSD13, BK13b, Bur10, CT14, CGR13, Cha10, CVCV11, CCN+12, CB09, DS15, Ded15, DW15, EE11, ELY15, EDMA15, Em09, GLY09, HBTP13, HT13, Hob13, HK10, JLC08, Jac12, KHL12, KGA+11, KB17, Ko10, Kon13, KN13, KSE16, KB14, Las13, Lee16a, LG13, Li11, LCC+09, Lin06, LCC11a, Lin14a, MNE12, ME13, MIJJ15, MG15a, MG15b, Mor14, NY11, NN11, OBF15, Oli10, Ols07, OEMZ12, QM14, RRW11, RL12, RCG+11, SMLF15, Sap13, SC14, TBT+10, TDBLY16, Top13, VTCV14, Wai14, WMS13, Yan14, ZKS+05, ZC15, ZB13, NyKR+18]. Teacher-Directed [SJL20].
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