

Science, Technology, Engineering, Mathematics (STEM)

correlation to

National Geographic Science Grade 3 (sorted by STEM references)



National Geographic Science STEM Correlation, Grade 3

Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Life Science	Chapter 4	T152-T153	National Geographic: Learning from Adaptations	Science/Engineering
Earth Science	Chapter 1	T26-T27	Earth Science Expert: Electrical Engineer	Science/Engineering
Earth Science	Chapter 2	T58-T59	Earth Science Expert: Solar Engineer	Science/Engineering
Physical Science	Chapter 1	T26-T27	Physical Science Expert: Physical Chemist	Science/Engineering
Physical Science	Chapter 2	T60-T68	Become an Expert: Sweden: Ice Hotel Construction	Science/Engineering
Physical Science	Chapter 4	T138-T139	Physical Science Expert: Product Designer	Science/Engineering
Life Science	Chapter 3	T124-T132	Become an Expert: The Black-footed Ferret: Making a Comeback	Science/Math
Life Science	Chapter 1	T5e-T5h	Explore Activity: Investigate Plants and Gravity	Science/Math
Life Science	Chapter 1	T23	Think Like a Scientist: Math in Science: The Shapes of Stems	Science/Math
Life Science	Chapter 2	T79a-T79d	Guided Inquiry: Investigate Fossils	Science/Math
Life Science	Chapter 3	T119a-T119d	Guided Inquiry: Investigate Brine Shrimp	Science/Math
Life Science	Chapter 4	T153a-T153d	Think Like a Scientist: Math in Science: Graphing Data	Science/Math
Life Science	Chapter 4	T153e-T153h	Guided Inquiry: Investigate Temperature and Coverings	Science/Math

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Life Science	Chapter 5	T165e-T165h	Directed Inquiry: Investigate Temperature and Cricket Behavior	Science/Math
Life Science	Chapter 5	T177	Science in a Snap!: Count Hibernation Heartbeats	Science/Math
Life Science	Chapter 5	T183a-T183d	Guided Inquiry: Investigate Temperature and Seed Sprouting	Science/Math
Life Science	Chapter 5	T188-T196	Become an Expert: Shenandoah National Park: Changing with the Seasons	Science/Math
Earth Science	Chapter 1	T12-T13	My Science Notebook: Investigate the Day and Night Cycle	Science/Math
Earth Science	Chapter 1	T23a-T23d	Think Like a Scientist: Math in Science: Bar Graphs	Science/Math
Earth Science	Chapter 1	T23e-T23h	Directed Inquiry: Investigate Sunlight and Shadows	Science/Math
Earth Science	Chapter 2	T37e-T37h	Directed Inquiry: Investigate Energy from the Sun	Science/Math
Earth Science	Chapter 2	T48-T49	Science in a Snap!: Comparing Temperatures	Science/Math
Earth Science	Chapter 2	T51	Think Like a Scientist: Math in Science: Calculate Temperatures	Science/Math
Earth Science	Chapter 2	T55a-T55d	Guided Inquiry: Investigate Sunlight	Science/Math
Earth Science	Chapter 3	T69e-T69h	Directed Inquiry: Investigate Light Brightness	Science/Math
Earth Science	Chapter 3	T76	Think Like a Scientist: Math in Science: Make a Line Graph	Science/Math

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Earth Science	Chapter 3	T86	My Science Notebook: Light-Years to Mars	Science/Math
Earth Science	Chapter 4	T101e-T101h	Directed Inquiry: Investigate Rock Layers	Science/Math
Earth Science	Chapter 4	T114	My Science Notebook: Investigate How Soil Forms	Science/Math
Earth Science	Chapter 4	T119a-T119d	Guided Inquiry: Investigate Soil and Water	Science/Math
Earth Science	Chapter 5	T133e-T133h	Directed Inquiry: Investigate Natural Resources	Science/Math
Earth Science	Chapter 5	T154-T155	Science in a Snap!: Recycle by the Numbers	Science/Math
Earth Science	Chapter 5	T156	Think Like a Scientist: Math in Science	Science/Math
Earth Science	Chapter 6	T188	Think Like a Scientist: Math in Science: Use a Graph to Show High and Low	Science/Math
Earth Science	Chapter 6	T191a-T191d	Guided Inquiry: Investigate Glaciers	Science/Math
Earth Science	Chapter 6	T194-T195	My Science Notebook: Investigate How Wind Changes Land	Science/Math
Earth Science	Chapter 7	T205e-T205h	Directed Inquiry: Investigate Plate Movements	Science/Math
Earth Science	Chapter 7	T217	Think Like a Scientist: Math in Science: Percents	Science/Math
Earth Science	Chapter 7	T220	Think Like a Scientist: Calculating Distance from a Thunderstorm	Science/Math

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Earth Science	Chapter 7	T229a-T229d	Guided Inquiry: Investigate Landslides	Science/Math
Earth Science	Chapter 8	T245e-T245h	Directed Inquiry: Investigate Condensation	Science/Math
Earth Science	Chapter 8	T254-T255	Science in a Snap!: Changing Water	Science/Math
Earth Science	Chapter 8	263a-263d	Guided Inquiry: Investigate Evaporation	Science/Math
Earth Science	Chapter 8	T276b-T276i	Open Inquiry: Do Your Own Investigation	Science/Math
Physical Science	Chapter 1	T11	My Science Notebook: Making and Recording Observations	Science/Math
Physical Science	Chapter 1	T19	Think Like a Scientist: Math in Science: Units of Measurement	Science/Math
Physical Science	Chapter 1	T19	Science in a Snap!: Water Predictions	Science/Math
Physical Science	Chapter 1	T20-T21	My Science Notebook: Investigate Volume	Science/Math
Physical Science	Chapter 1	T23a-T23d	Directed Inquiry: Investigate Volume and Mass	Science/Math
Physical Science	Chapter 1	T25	My Science Notebook: Write about Matter	Science/Math
Physical Science	Chapter 1	T37e-T37h	Directed Inquiry: Investigate Water and Temperature	Science/Math
Physical Science	Chapter 2	T47	Think Like a Scientist: Math in Science: Temperature Scales	Science/Math

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Physical Science	Chapter 2	T52-T53	Science in a Snap!: Find the Temperature	Science/Math
Physical Science	Chapter 2	T55a-T55d	Think Like a Scientist: Math in Science: Measuring Temperature	Science/Math
Physical Science	Chapter 2	T55e-T55h	Guided Inquiry: Investigate Melting	Science/Math
Physical Science	Chapter 3	T69e-T69h	Directed Inquiry: Investigate Forces and Motion	Science/Math
Physical Science	Chapter 3	T75	Think Like a Scientist: Math in Science	Science/Math
Physical Science	Chapter 3	T78-T79	Science in a Snap!: Measure Your Speed	Science/Math
Physical Science	Chapter 3	T95a-T95d	Guided Inquiry: Investigate Motion and Position	Science/Math
Physical Science	Chapter 4	T109e-T109h	Directed Inquiry: Investigate Energy of Motion	Science/Math
Physical Science	Chapter 4	T116-T117	My Science Notebook: Investigate Mechanical Energy	Science/Math
Physical Science	Chapter 4	T122	Think Like a Scientist: Math in Science: Sound and Distance	Science/Math
Physical Science	Chapter 4	T135a-T135d	Guided Inquiry: Investigate Vibrations and Sound	Science/Math
Physical Science	Chapter 5	T149e-T149h	Directed Inquiry: Investigate Light and Heat	Science/Math
Physical Science	Chapter 5	T158-T159	Science in a Snap!: Investigating Reflection	Science/Math

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Physical Science	Chapter 5	T167a-T167d	Guided Inquiry: Investigate Light and Objects	Science/Math
Physical Science	Chapter 5	T180j-T180q	Open Inquiry: Do Your Own Investigation	Science/Math
Physical Science	Unit Wrap Up	T180w	Make a Timeline of Water Changes	Science/Math
Life Science	Unit Launch	T4-T4a	Meet a Scientist/Life Science Video	Science/Technology
Life Science	Chapter 1	T13	Integrated Technology: Whiteboard Presentation	Science/Technology
Life Science	Chapter 1	T15	Integrated Technology: Computer Presentation	Science/Technology
Life Science	Chapter 1	T16	Integrated Technology: Whiteboard Presentation	Science/Technology
Life Science	Chapter 1	T21	Integrated Technology: Computer Presentation	Science/Technology
Life Science	Chapter 1	T31a-T31d	Directed Inquiry: Investigate Plant Parts	Science/Technology
Life Science	Chapter 1	T35	Integrated Technology: Digital Booklet	Science/Technology
Life Science	Chapter 1	T38-T39	Integrated Technology: Digital Booklet	Science/Technology
Life Science	Chapter 2	T52	Integrated Technology: Whiteboard Presentation	Science/Technology
Life Science	Chapter 2	T55	Integrated Technology: Computer Presentation	Science/Technology

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Life Science	Chapter 2	T59	Integrated Technology: Digital Booklet	Science/Technology
Life Science	Chapter 2	T61	Integrated Technology: Digital Booklet	Science/Technology
Life Science	Chapter 2	T66	Integrated Technology: Computer Presentation	Science/Technology
Life Science	Chapter 2	T69	Integrated Technology: Computer Presentation	Science/Technology
Life Science	Chapter 2	T82-T83	Life Science Expert: Veterinarian	Science/Technology
Life Science	Chapter 2	T83	Integrated Technology: Whiteboard Presentation	Science/Technology
Life Science	Chapter 2	T86-T87	Integrated Technology: Digital Booklet	Science/Technology
Life Science	Chapter 3	T99	Integrated Technology: Digital Booklet	Science/Technology
Life Science	Chapter 3	T100	Integrated Technology: Whiteboard Presentation	Science/Technology
Life Science	Chapter 3	T109	Integrated Technology: Digital Booklet	Science/Technology
Life Science	Chapter 3	T123	Integrated Technology: Whiteboard Presentation	Science/Technology
Life Science	Chapter 3	T128-T129	Integrated Technology: Computer Presentation	Science/Technology
Life Science	Chapter 4	T139	Integrated Technology: Digital Booklet	Science/Technology

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Life Science	Chapter 4	T143	Integrated Technology: Whiteboard Presentation	Science/Technology
Life Science	Chapter 4	T146	Integrated Technology: Computer Presentation	Science/Technology
Life Science	Chapter 4	T157	Integrated Technology: Computer Presentation	Science/Technology
Life Science	Chapter 4	T158-T159	Integrated Technology: Digital Booklet	Science/Technology
Life Science	Chapter 5	T175	Integrated Technology: Computer Presentation	Science/Technology
Life Science	Chapter 5	T177	Integrated Technology: Whiteboard Presentation	Science/Technology
Life Science	Chapter 5	T179	Integrated Technology: Digital Booklet	Science/Technology
Life Science	Chapter 5	T187	Integrated Technology: Computer Presentation	Science/Technology
Life Science	Chapter 5	T186-T187	Life Science Expert: Ultralight Pilot	Science/Technology
Life Science	Chapter 5	T196r-T196u	Think Like a Scientist: How Scientists Work: Using Models to Study Systems	Science/Technology
Life Science	Life Science/Unit Wrap	196v	Make a Web Page about Classifying Animals	Science/Technology
Earth Science	Earth Science/Unit Laur	T4-T4a	Meet a Scientist/Earth Science Video	Science/Technology
Earth Science	Chapter 1	T11	Integrated Technology: Computer Presentation	Science/Technology

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Earth Science	Chapter 1	T19	Integrated Technology: Moon Movie	Science/Technology
Earth Science	Chapter 1	T21	Integrated Technology: Digital Flashcards	Science/Technology
Earth Science	Chapter 1	T27	Integrated Technology: Whiteboard Presentation	Science/Technology
Earth Science	Chapter 2	T43	Integrated Technology: Whiteboard Presentation	Science/Technology
Earth Science	Chapter 2	T51	Integrated Technology: Digital Slide Show	Science/Technology
Earth Science	Chapter 2	T58	Integrated Technology: Computer Presentation	Science/Technology
Earth Science	Chapter 2	T66-T67	Integrated Technology: Digital Booklet	Science/Technology
Earth Science	Chapter 3	T75	Integrated Technology: Computer Presentation	Science/Technology
Earth Science	Chapter 3	T79	Integrated Technology: Computer Presentation	Science/Technology
Earth Science	Chapter 3	T81	Integrated Technology: Digital Booklet	Science/Technology
Earth Science	Chapter 3	T82-T83	Science in a Snap!: Seeing Better	Science/Technology
Earth Science	Chapter 3	T85	Integrated Technology: Digital Diagram	Science/Technology
Earth Science	Chapter 3	T85	My Science Notebook: Making and Recording Observations	Science/Technology

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Earth Science	Chapter 3	T87a-T87d	Guided Inquiry: Investigate Lenses	Science/Technology
Earth Science	Chapter 3	T90	Integrated Technology: Whiteboard Presentation	Science/Technology
Earth Science	Chapter 3	T90-T91	Earth Science Expert: Astronomer	Science/Technology
Earth Science	Chapter 3	T92-T100	Become an Expert: The Hubble Space Telescope: Super Stargazer	Science/Technology
Earth Science	Chapter 3	T94-T95	Integrated Technology: Whiteboard Presentation	Science/Technology
Earth Science	Chapter 4	T113	Integrated Technology: Whiteboard Presentation	Science/Technology
Earth Science	Chapter 4	T122-T123	Earth Science Expert: Ecologist	Science/Technology
Earth Science	Chapter 4	T123	Integrated Technology: Digital Slide Show	Science/Technology
Earth Science	Chapter 4	T124-T125	Integrated Technology: Travel Guidebook	Science/Technology
Earth Science	Chapter 5	T139	Integrated Technology: Digital Booklet	Science/Technology
Earth Science	Chapter 5	T151	Integrated Technology: Digital Booklet	Science/Technology
Earth Science	Chapter 5	T155	Integrated Technology: Digital Camera	Science/Technology
Earth Science	Chapter 5	T163	Integrated Technology: Digital Booklet	Science/Technology

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Earth Science	Chapter 5	T164-T165	Integrated Technology: Whiteboard Presentation	Science/Technology
Earth Science	Chapter 5	T168-T169	Integrated Technology: Whiteboard Presentation	Science/Technology
Earth Science	Chapter 6	T187	Integrated Technology: Whiteboard Presentation	Science/Technology
Earth Science	Chapter 6	T188	Integrated Technology: Digital Guidebook	Science/Technology
Earth Science	Chapter 6	T195	Integrated Technology: Whiteboard Presentation	Science/Technology
Earth Science	Chapter 6	T198-T199	Integrated Technology: Computer Presentation	Science/Technology
Earth Science	Chapter 6	T200-T201	Integrated Technology: Digital Booklet	Science/Technology
Earth Science	Chapter 7	T215	Integrated Technology: Computer Presentation	Science/Technology
Earth Science	Chapter 7	T221	Integrated Technology: Digital Diary	Science/Technology
Earth Science	Chapter 7	T223	Integrated Technology: Computer Presentation	Science/Technology
Earth Science	Chapter 7	T232-T233	Earth Science Expert: Geologist	Science/Technology
Earth Science	Chapter 7	T233	Integrated Technology: Video Report	Science/Technology
Earth Science	Chapter 7	T236-T237	Integrated Technology: Digital Booklet	Science/Technology

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Earth Science	Chapter 8	T251	Integrated Technology: Digital Camera	Science/Technology
Earth Science	Chapter 8	T257	Integrated Technology: Computer Presentation	Science/Technology
Earth Science	Chapter 8	T266-T267	Earth Science Expert: Atmospheric Scientist	Science/Technology
Earth Science	Chapter 8	T267	Integrated Technology: Whiteboard Presentation	Science/Technology
Earth Science	Chapter 8	T274-T275	Integrated Technology: Digital Diary	Science/Technology
Earth Science	Chapter 8	T276j-T276m	Think Like a Scientist: Science and Technology	Science/Technology
Earth Science	Unit Wrap Up	276n	Create a Fact Book About Stars, Earth, and the Moon	Science/Technology
Earth Science	Unit Wrap Up	T276o	Make a Mural of Earth's Surface	Science/Technology
Earth Science	Unit Wrap Up	T276p	Create an Exhibit of Quick Changes	Science/Technology
Earth Science	Unit Wrap Up	T276q	Become Natural Resources Experts	Science/Technology
Physical Science	Chapter 1	T5e-T5h	Explore Activity: Investigate Physical Properties	Science/Technology
Physical Science	Chapter 1	T12	Integrated Technology: Digital Booklet	Science/Technology
Physical Science	Chapter 1	T17	Integrated Technology: Digital Slide Show	Science/Technology

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Physical Science	Chapter 1	T19	Integrated Technology: Computer Presentation	Science/Technology
Physical Science	Chapter 1	T27	Integrated Technology: Whiteboard Presentation	Science/Technology
Physical Science	Chapter 2	T43	Integrated Technology: Use Digital Cameras	Science/Technology
Physical Science	Chapter 2	T45	Integrated Technology: Computer Presentation	Science/Technology
Physical Science	Chapter 2	T47	Integrated Technology: Make Sound Files	Science/Technology
Physical Science	Chapter 2	T49	Integrated Technology: Whiteboard Presentation	Science/Technology
Physical Science	Chapter 2	T58-T59	Physical Science Expert: Ice Sculptor	Science/Technology
Physical Science	Chapter 2	T59	Integrated Technology: Digital Booklet	Science/Technology
Physical Science	Chapter 2	T64-T65	Integrated Technology: Make Sound Files	Science/Technology
Physical Science	Chapter 2	T68a-T68h	Explore on Your Own: Recycling Rules!	Science/Technology
Physical Science	Chapter 3	T81	Integrated Technology: Electronic News Report	Science/Technology
Physical Science	Chapter 3	T85	Integrated Technology: Digital Advertisement	Science/Technology
Physical Science	Chapter 3	T90	Integrated Technology: Computer Presentation	Science/Technology

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Physical Science	Chapter 3	T99	Integrated Technology: Digital Booklet	Science/Technology
Physical Science	Chapter 3	T100-T108	Become an Expert: High-Speed Trains	Science/Technology
Physical Science	Chapter 4	T115	Integrated Technology: Whiteboard Presentation	Science/Technology
Physical Science	Chapter 4	T123	Integrated Technology: Whiteboard Presentation	Science/Technology
Physical Science	Chapter 4	T125	Integrated Technology: Make Sound Files	Science/Technology
Physical Science	Chapter 4	T139	Integrated Technology: Computer Presentation	Science/Technology
Physical Science	Chapter 4	T144-T145	Integrated Technology: Digital Booklet	Science/Technology
Physical Science	Chapter 4	T148a-T148h	Explore on Your Own: The Energy of Water	Science/Technology
Physical Science	Chapter 5	T157	Integrated Technology: Whiteboard Presentation	Science/Technology
Physical Science	Chapter 5	T161	Integrated Technology: Whiteboard Presentation	Science/Technology
Physical Science	Chapter 5	T171	Integrated Technology: Computer Presentation	Science/Technology
Physical Science	Chapter 5	T172-T173	Integrated Technology: Digital Booklet	Science/Technology
Physical Science	Chapter 5	T180a-T180h	Explore on Your Own: Scope This Out	Science/Technology

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Strand	Chapter	Teacher Edition Pages	Title	STEM Reference
Physical Science	Unit Wrap Up	T180v	Create a Web Page About Matter	Science/Technology
Physical Science	Unit Wrap Up	T180x	Demonstrate the Forms of Energy	Science/Technology
Physical Science	Unit Wrap Up	T180y	Make a Movie about Light	Science/Technology
Earth Science	Chapter 5	T159a-T159d	Guided Inquiry: Investigate Wind Energy	Science/Technology/Engineering
Earth Science	Chapter 6	T164-T172	Become an Expert: Where Does Electricity Come From?	Science/Technology/Engineering
Physical Science	Unit Launch	T4-T4a	Meet a Scientist/Physical Science Video	Science/Technology/Engineering
Physical Science	Chapter 3	T98-T99	Physical Science Expert: Materials Scientist	Science/Technology/Engineering
Physical Science	Chapter 4	T128	Social Studies in Science: Invention of the Light Bulb	Science/Technology/Engineering
Physical Science	Chapter 4	T134	Social Studies in Science: Wind Farms	Science/Technology/Engineering
Physical Science	Chapter 5	T170-T171	Physical Science Expert: Inventor	Science/Technology/Engineering
Physical Science	Chapter 5	T172-T180	Become an Expert: Laser: A Special Kind of Light	Science/Technology/Engineering
Physical Science	Chapter 1	T28-T36	Become an Expert: The Properties of Graphene	Science/Technology/Math
Physical Science	Chapter 5	T180r-T180u	Think Like a Scientist: How Scientists Work: Using Observations to Evaluate	Science/Technology/Math