

Syllabus

Course Title: 4th Grade Science

Grade: 4th

DESCRIPTION OF COURSE: 4th Grade science is broken into four main units of study: Science, Engineering, and Technology; Life science; Earth science; and Physical science

REQUIRED TOPICS OF STUDY	SUGGESTED INSTRUCTIONAL TIME	STANDARDS/ELIGIBLE CONTENT
The Nature of Science	8 Days	3.1.4.B6
Science, Technology, Engineering, Math	20 Days	3.4.4.C2; 3.4.4.B1; 3.4.4.A2; 3.4.4.A3; 3.4.4.C1; 3.4.4.D1;
Weather and Clouds	5 Days	S4.D.2.1.1; S4.D.2.1.2; S4.D.2.1.3;
Plants and Animals	18 Days	3.1.3.A1; S3.B.1.1.2; S4.B.1.1.3; S4.B.1.1.2; 3.1.4.A1; S4.B.1.1.1; S4.B.2.1.2; S4.B.1.1.4; S4.B.1.1.2; S4.A.1.3.4; 3.1.4.B1; 3.1.4.B2
Ecosystems	7 Days	S4.B.3.1.2; S4.B.3.1.1; S4.B.2.1.1; 3.1.4.A2; 3.1.4.A3; 3.1.4.A5; S4.A.3.1.3; S4.A.3.1.2
Earth's Resources	18 Days	3.3.4.A2; S4.D.1.1.2; S4.D.1.1.3; S4.D.1.2; S4.D.1.3.2; 3.3.4.A1; 3.3.4.A4
Earth and Space	10 Days	S4.A.3.3.2; 3.3.4.B1; 3.3.4.B2;
Matter	18 Days	S4.C.3.1; 3.2.3.B1; 3.2.4.B4; 3.2.4.A1; 3.2.4.A3; 3.2.4.A4; 3.2.4.A5
Energy and Heat	*incorporated into electricity and motion/design*	S4.C.2.1.1; S4.C.2.1.2; 3.2.4.B6; 3.4.4.E3
Electricity and Magnetism	18 Days	S4.C.2.1.3; 3.2.4.B4; 3.2.3.B4;
Motion and Design	18 Days	S4.A.1.3.2; 3.2.4.B1; 3.2.4.B2; S4.C.3.1.1;

RESOURCES: Pearson Interactive Science Textbook 2012 Pearson Education Associates
STC science kits
FOSS manual and readers

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