

Fair Lawn Public Schools
Elementary Science Curriculum
NJCCCS (2009) in Science Reference Sheet

The following reference guide is provided to you as an aide in preparing your lesson plans. This guide does not replace the important role that the curriculum plays in developing your lessons. All science curricula can be found online at www.fairlawnschools.org/curriculum. Contact the District Science Supervisor with any questions related to our science program.

[Kindergarten](#)

[Grade 1](#)

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Kindergarten

July 2010

Unit 1: Matter: Liquids & Solids

5.1.P.A.1, 5.1.P.B.1, 5.1.P.B.2, 5.1.P.B.3, 5.1.P.C.1, 5.1.P.D.1-4,
5.2.P.B.1, 5.2.P.C.1

Unit 2: Plants & Animals

5.1.P.A.1, 5.1.P.B.1, 5.1.P.B.2, 5.1.P.B.3, 5.1.P.C.1, 5.1.P.D.1-4,
5.3.P.A.1, 5.3.P.A.2, 5.3.P.B.1, 5.3.2.B.1, 5.3.2.B.2, 5.3.2.B.3
5.3.P.C.1, 5.3.P.D.1
5.4.P.C.1, 5.4.P.E.1, 5.4.2.E.1

Unit 3: The Five Senses

5.1.P.A.1, 5.1.P.B.1, 5.1.P.B.2, 5.1.P.B.3, 5.1.P.C.1, 5.1.P.D.1-4

Unit 4: How & Why Things Move (Introduction to Energy)

5.1.P.A.1, 5.1.P.B.1, 5.1.P.B.2, 5.1.P.B.3, 5.1.P.C.1, 5.1.P.D.1-4,
5.2.P.C.1, 5.2.P.E.1

Unit 5: Caring for the Earth

5.1.P.A.1, 5.1.P.B.1, 5.1.P.B.2, 5.1.P.B.3, 5.1.P.C.1, 5.1.P.D.1-4,
5.2.P.A.1,
5.3.2.C.3, 5.3.P.D.1
5.4.2.C.1, 5.4.P.G.1

Unit 6: Weather

5.1.P.A.1, 5.1.P.B.1, 5.1.P.B.2, 5.1.P.B.3, 5.1.P.C.1, 5.1.P.D.1-4,
5.4.P.F.1

Grade 1
2004

Ready, Set, Science!

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4

Living Things

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4,
5.3.2.A 1, 2; 5.3.2.B1-3; 5.3.2.C1-3; 5.3.2.D1-2; 5.3.2.E1-2

Environment

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4;
5.2.2.A1-2; 5.2.2.B1; 5.2.2.C1-3; 5.4.2.C1; 5.4.2.G1-4

Earth

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3,
5.1.4.D. 1-4; 5.4.2.A1; 5.4.2.B1; 5.4.2.C1; 5.4.2.E1

Weather

5.1.4.A.1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4; 5.4.2.F1

Space, Sun, Stars, Moon

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4;
5.4.2.A1; 5.4.2.B1; 5.4.2.C1; 5.4.2.E1

Grade 2
2004

Matter

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4; 5.2.2.A1-2; 5.2.2.B1

Weather & The Water Cycle

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4; 5.2.2.C1; 5.2.2.F1, 5.2.2.G1-2

Solar System: Sunlight & Shadows

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4, 5.4.2.A1

Life Long Ago

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4; 5.3.2.E1-2; 5.4.4.B1

Grade 3
2004

Living World

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4; 5.3.4.A1-3; 5.3.4.D1

The Earth

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4; 5.4.4.A3-4; 5.4.4.C1-2

The Changing Earth

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4; 5.4.4.B1; 5.4.4.C1-2;

Plant & Animal Habitats

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4; 5.3.4.A1; 5.3.4.C1-2

Grade 4
2004

Simple Machines

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4; 5.2.4.E1-3;

Light & Color

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4; 5.2.4.A4; 5.2.4.C1; 5.2.4.C4

Sound

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4; 5.2.2.D1;

Electricity & Magnetism

5.1.4.A1-3, 5.1.4.B1-4, 5.1.4.C1-3, 5.1.4.D. 1-4; 5.2.4.A4; 5.2.4.C1-4; 5.2.4.D1; 5.2.4.E3

Grade 5
July 2009

How & Why Things Work

5.1.8 A,B,C; 5.2.8 A,B; 5.3.8 A,B,C,D; 5.4.8 A,B; 5.4.8 C1; 5.4.8 C2; 5.7.8 A-B; 5.8.8 D
9.1.8.A 4; 9.2.8.A 1-5; 9.2.8.B 2-3; 9.2.8.C 1-6; 9.2.8.F 1-3

Forces & Motion

Technology in Our Lives

Our Solar System & Beyond

5.1.8 A,B,C; 5.2.8 A,B; 5.3.8 A,B,C,D; 5.4.8 A,B; 5.9.8 A
9.1.8.A 4; 9.2.8.A 1-5; 9.2.8.B 2-3; 9.2.8.C 1-6; 9.2.8.F 1-3

Stars & Galaxies

Earth in Space

Technology in Our Lives

Weather & Our Environment

5.1.8 A,B,C; 5.2.8 A,B; 5.3.8 A,B,C,D; 5.4.8 A,B; 5.4.8 C1; 5.7.8 A,B; 5.8.8 A-D; 5.9.8 B-D; 5.10.8 A2; 5.10.8 B; 9.1.8.A 4; 9.2.8.A
1-5; 9.2.8.B 2-3; 9.2.8.C 1-6; 9.2.8.F 1-3

Water on Earth

Weather Patterns

Protecting Earth's Resources