

## Science F—Weekly Subject List

Week	Subject
1	Introduction to science and how it works; Types of science; Introduction to living things
2	Introduction to cells; Systems in your body; Digestive system; Respiratory system
3	Circulatory system; Excretory system; How your body fights germs; The importance of water
4	Nervous system; Seeing; Hearing; Muscular system; Skeletal system
5	Staying healthy; Reproduction; Life cycles of different types of living things
6	More life cycles; Human reproductive system; Human life cycles; Introduction to genetics
7	Introduction to plants; Plant life cycle; Parts of a plant; Why plants need water
8	Introduction to seeds; How seeds grow into plants; Types of seeds; The smallest living things; Ecosystems
9	What makes up the different states of matter; Properties of matter
10	Matter mixed together; Separating matter that has been mixed; Introduction to elements
11	Bonds between elements; Chemical reactions
12	Acids and bases; Ionic elements; The periodic table; Properties of metals; Reactiveness of elements
13	How we use metals; The importance of hydrogen and carbon
14	The gases that are found in earth's atmosphere; Other gases that we use; Composites and polymers
15	Introduction to energy; Producing energy; Temperature and energy
16	Introduction to waves; Light and sound waves
17	How we can affect light waves for our use; Other types of waves we use
18	Static electricity; Electric current; How we can use electric current
19	Waves that transmit information; Binary code; Circuits; Forces; Magnets; Gravity
20	Friction; Wind resistance; Newton's laws of motion; Inertia; Momentum; Simple machines
21	Work; Velocity; Acceleration; Gravity; Weight versus mass; Lift; Flotation; Density
22	The solar system; Celestial bodies; Details of the Sun; Gravity between celestial bodies; Details of the Moon and its effects on Earth
23	Stars and the light they produce; How we explore the universe; The solar system; Other celestial bodies; Other properties of the sun; The relationship between sun; Moon and Earth
24	Why there is life on Earth; The Moon; Venus; Mars; Jupiter
25	Saturn; Uranus; Neptune; Pluto; Asteroids; Comets; Meteorites
26	Space exploration; Galaxies; Stars
27	Variable stars; Constellations; How we see stars
28	Constellation stories; Looking at the moon; Layers of the earth; Plate tectonics; Earthquakes; Tsunamis; Volcanic eruptions; Rocks and minerals
29	How rocks form; Types of rock; Weathering; Erosion; Ground water
30	The water cycle; Rivers; Glaciers; Ocean water
31	Saltwater; Freshwater; Natural ice; Water movement; Water affects light; Water in different forms
32	How humans affect water; What people try to do with water; How water can hurt people; How water can help people
33	Pollution; Water use; Seasons; Climate zones; Atmosphere layers; Weather
34	The carbon cycle; Why we need the right amount of carbon; What affects water in the ocean; How temperature affects air; How air affects weather
35	Precipitation affects climates on land; Global warming; Rachel Carson
36	Rachel Carson; The affect of pesticides

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