

YR 1 and 2	
Animals	
Questions	Answers
What are the 5 senses?	See, touch, smell, taste, hearing
What do we call animals that eat only plants? Can you name me a specific animal that only eats meat?	Carnivore/ Herbivore
Name the groups of animals, which have a backbone? What are animals without bones called?	Mammals, birds, fish, reptiles and amphibians
Why are nutrients important human beings? Why?	Vitamin and minerals. Protect from diseases
Can you name the 5 food groups Which group would a potato belong?	Fruit/vegetable, carbohydrates, diary, fat and carbohydrate
Plants	
What are the parts of a plant?	Root, stem, leaf and flower
How does the root help the plant?	Function of a root—it holds the plant and absorbs water and minerals from the soil to make the plant grow.
Why are the leaves green?	Leaves have chlorophyll which traps the sunlight and makes starch /food for the plant.---Photosynthesis.
What does the seed need to grow?	Plants grow from seeds.
Habitats	
How can you tell if an animal is living or dead?	7 life-processes of a living thing
What is a home of a plant or an animal called?	Habitat
Give the habitat of a camel, lion, polar bear, cactus, shark	Different types of habitats.
Materials	
What material can an eating plate made of?	Types of materials: plastic, paper, metal, polystyrene
Which material will you use to keep the ice-lolly from melting and raincoat?	Properties of materials: Insulator, water-proof
Seasons	
Do you live in a cold country or hot country? Why do you think that?	Difference between weather and climate

YR 3 and 4	
Animals---Moving and Growing	
Questions	Answers
What are the functions of the skeleton?	Functions of the skeleton: movement, support, protection, make blood cells and store minerals.
Which is the longest and the shortest human bone?	Name few bones in the body
How do the muscles help you move?	Muscles attach to bones helps us move, bend, stretch.
What are the functions of the teeth?	3 types of teeth
How will you keep your teeth healthy?	Structure of a tooth Sugars in the food cause tooth decay
How do you the ears help you hear?	How sound travels Sound needs a medium to travel Human ear
Plants and Habitats	
Which part of the plant helps in reproduction?	Parts of flower and pollination
How does the water and minerals reach the whole plant?	Functions of a stem—Transport water and minerals, support and keeps the leaves in the sunlight
Which soil is good for growth of plants?	Soil profile and permeable soil
What will happen if you kill all goats?	Food chains and food web
Why are pandas endangered?	Human activities destroy habitats
Materials---Electricity	
Which material will you use to make a switch?	Conductors and insulators of electricity.
What does a switch do?	a circuit is the path along which electricity moves
What do you use in a torch and how does your oven work?	Mains and batteries
How will you keep safe while using electricity?	Hazards of using electricity
Materials --Magnets/Forces	
What can pull and push do?	Different types of forces--- change shape, change speed and change direction
What happens when you bring two magnets near each other?	Attract, repel, north pole and south pole
Give 3 uses of magnets	Uses of magnets in daily life
Materials---Rocks	
What are 3 types of rocks?	Rock cycle
Which rock out of chalk, granite or limestone will you use as a kitchen top?	Name of few rocks Properties of rocks: Permeability and

Why?	hardness of rocks
In which rock will you find a fossil?	What is a fossil and how a fossil is formed
Materials--- Light	
Will you use cellophane or a card to make a shadow?	Light travels in a straight line How is a shadow formed
What happens to your shadow at midday and in the evening?	The size of shadow depends on the distance of the object from the source of light
What are the two types of eclipses?	Real life examples of shadows formation
Materials -- Sound	
How does sound travel?	Sound travels through vibrations
Which medium does a sound travel through?	Sound travels through solid, liquid and gas
What is the difference between pitch and volume?	The pitch of a sound is how high or low the sound is. Volume of a sound is how loud or quiet the sound is
How does a human ear works?	Know how shape of the ears help us Know the bones in the inner ear that help us to hear
How can we change the pitch of a string instrument?	Pitch—by tightening and loosening , increasing or decreasing the length, material and thickness

YR 5 and 6	
Animals---	

Questions	Answers
What are the stages in the life cycle of butterfly? (insect) How is it different from that of a bird?(Aves) and a cat(mammal)	Life cycles
What is an organ? What organs make up your digestive system?	Digestive System
How does your body throw out the solid waste?/ Why is your poo brown?	Journey of the food through the digestive system
How will you keep your lungs healthy?	Respiratory system Ill effects of smoking
How the blood does flows through your body?	Circulatory system
How will you keep your heart healthy?	Balanced diet Role of exercise, sleep and water Less fatty food, no smoking, no drinking alcohol , exercise, healthy lifestyle
Materials—Reversible and irreversible reactions	
What are 3 states of matter?	Solid, liquid and gas
What is the difference between dissolving and mixing?	Dissolving is when you get homogenous mixture and mixing is when you get heterogeneous mixture
What are the different methods to separate different types of mixtures?	Filtering, sieving, evaporation
What are reversible and irreversible changes?	Reversible—change is temporary, no new substance is formed, you can get back the original substance Irreversible—new substance is formed, chemical change, you cannot get the original substance back, the change is permanent.
Plants(microorganism)/Habitats /Evolution	
Why a camel is called a ship of the desert? How is a cactus adapted to survive in a desert? How is a polar bear adapted to live in the arctic ocean?	Adaptations
Why do we need to study fossils?	Evidence of evolution
Can you grow plants from stem or root instead of a seed?	Asexual reproduction
What is yeast? Why is it used in making bread?	Microorganism Advantages and dis advantages of microorganism
Can you get back the flour when you have baked it to make bread?	Mixture Solution Reversible and irreversible change
Forces	

Why do things move or remain in their place?	Balanced and unbalanced forces
Why does a ball stop after sometime after it has been kicked?	Types of forces: frictional, air resistance, gravitational force
How will you make a paper glider or a spinner stay in flight for a longer time?	Air resistance
Why planets stay in an orbit?	Gravitational force Planets, star Solar system
Why do you have tides?	Moon gravitational pull Phases of moon
Light	
Why do we have day and night?	Shadows
Why do we have seasons?	Earth is tilted
Why can you see yourself in a shiny surface?	Reflection Light travels in a straight line
How is a camera like your eye?	How a human eye works
Why do we have solar and lunar eclipse?	Solar eclipse---moon shadow on sun Lunar--- earth shadow on the moon
Why do we see a rainbow?	refraction
Electricity	
Why does your Christmas lights do not work if one bulb fuses?	Series circuit
Why can you make an oven work and keep the microwave switched off?	Parallel circuit
What is a fuse?	Current is measured in mA Voltage
What do you mean by the bulb is fused?	Resistance
Sound	
How is sound produced?	When a medium vibrates
What is an echo and how it is formed?	Reflection of sound
When do we need to soundproof conditions?	Occupations that use loud machines Recording studios
Which materials are good for muffling sounds?	Aeroplanes
Investigate how to change the pitch of a wind instrument?	Length of the tube and size of the air chamber