



THE VITS SCHOOL
Umrikheda, Khandwa Road, Indore (M.P.) - 452001
CBSE Affiliation No. - 1031075

CURRICULUM PLANNING

GRADE 4 SCIENCE

MONTH	DAYS	BLOCK NUMBER/NAME	ACTIVITY, IF ANY
JUNE	20	Block 1: More about flowers.	<ol style="list-style-type: none">1. To observe different features (size, shape, colour, fragrance, number of petals) of flowers by looking at their pictures.2. Finding blooming time of some flowers using flower calendar.3. Preserving flowers by keeping them in water and drying them in books.4. Project work : Collect any 5 different flowers and dry them between sheets of newspapers. Also, write about their features.
JULY	27	Block 2 : Uses of plants	<ol style="list-style-type: none">1. Write the names of any four dishes and their ingredients and then circle those ingredients that we get from plants.2. To study different uses of plants by looking at their pictures.

		Block 3 : Kinds of plants	<ol style="list-style-type: none"> 3. Dig the soil, choose the sapling you want to plant, plant the sapling and water it regularly. 4. To learn the differences between wild and domestic plants by observing their pictures. 5. Observe the pictures of plants growing in different regions. Identify the region and the features of plants growing there. 6. Compare hydrilla and lotus plant by observing their pictures. 7. Paste pictures of a few wild and domestic plants and write at least one unique feature.
AUGUST	22	Block 4 : Food for plants	<ol style="list-style-type: none"> 1. To understand sunlight is important for plants by performing an experiment in which one leaf of a plant is covered with a black paper. Having a discussion on starch test among students. 2. Try to list the things required for photosynthesis and things formed during photosynthesis in your notebook. 3. Close your eyes. Imagine that you are sitting in a beautiful garden surrounded with

		Block 5 : Kinds of animals	<p>plants and fresh air. Then slowly nothing feels good because plants stop the process of photosynthesis. Draw your imagination in your notebook.</p> <ol style="list-style-type: none"> 1. Sorting the animals on the basis of their feeding habit or according to where they live using the resource sheet. 2. To find out different physical features of birds by looking at their pictures. 3. To find out animals with and without backbones from the resource sheet. 4. Project work : Paste pictures of any 3 vertebrates and invertebrates in your science notebook and write down the differences between them.
SEPTEMBER	25	Block 6 : More about insects	<ol style="list-style-type: none"> 1. To learn about the body parts, food and homes of different insects by looking at their pictures. 2. Numbering the stages in the life cycle of an ant by looking at the pictures. 3. Project work : Paste pictures of any 3 insects in the notebook and show their body parts. Also write about where

		Block 7 : Life cycle of animals	<p>they live and what they eat.</p> <ol style="list-style-type: none"> 4. To study life cycle of a bird, a frog and a butterfly by observing their cyclic diagrams. 5. Project work : Make a poster on the life cycle of any one animal of your choice.
OCTOBER	23	<p>Block 8 : Where animals live</p> <p>Block 10 : Digestion</p>	<ol style="list-style-type: none"> 1. To find out where different animals live by using the resource sheet. 2. To observe unique features of desert, grassland and mountain animals by looking at their pictures. 3. To study different body parts of a fish by looking at its pictures. 4. Project work : Collect pictures of any 3 animals found in sea (apart from fish) and write about their movement. 5. To study the functions of different organs of digestive system by looking at their pictures and diagrams. 6. Project work : Prepare a model of the digestive system using various materials like pipes, cloth bags and rope
NOVEMBER	20	Block 11 : First aid	<ol style="list-style-type: none"> 1. Prepare a small first aid kit and give a short presentation of the same.

		Block 12 : Balanced diet	<ol style="list-style-type: none"> 2. To identify different types of nutrients by observing their pictures. 3. Project work : Make a food diary. Write the food items you eat through the day. After a week look at it and check if you have eaten a balanced diet.
DECEMBER	20	<p>Block 13 : Nutrients in Food</p> <p>Block 14 : Drinking Water</p>	<ol style="list-style-type: none"> 1. To find out which food items provide carbohydrates, proteins and fats by looking at their pictures . 2. Project work : Prepare a table on the number of times you eat each nutrient in a week. 3. With the help of an adult, take some salty water in a kettle and heat it. Put a metal plate near the spout to condense the steam coming out of the kettle. Collect the condensed water in a small bowl. Taste the water, it will no longer be salty.
JANUARY	23	<p>Block 15 : Water purification</p> <p>Block 16 : Evaporation and condensation</p>	<ol style="list-style-type: none"> 1. To perform short and simple experiments explaining filtration and sedimentation. 2. Project work : Make a charcoal filter. 3. Project work : Make a model of water cycle using clay, colours and cotton wool.

		Block 18 : Air pollution	<ol style="list-style-type: none"> Find out sources of air pollution by looking at their pictures. Project work : Prepare a poster on global warming. Explain the causes and effect.
FEBRUARY	24	<p>Block 19 : Energy</p> <p>Block 22 : Different clothes</p> <p>Block 23 : Soil erosion</p>	<ol style="list-style-type: none"> To learn about various sources of energy by observing their pictures. Project work : Make a chart showing comparison between a yellow light bulb and a white light bulb. Project work : Collect and paste the pictures of clothes worn by people in India (different states). Project work : Make manure using vegetable and fruit peels and other waste.
MARCH	25	<p>Block 24 : Save natural resources</p> <p>Block 25 : Dealing with waste</p>	<ol style="list-style-type: none"> Project work : Make a poster of a set of rules to be followed to conserve natural resources. To study 3R using various pictures. Project work : Prepare a chart on the benefits of composting.