Art Integrated Learning (AIL) Activities

Activity 1: Collecting and grouping leaves

Collect the fallen leaves of different plants and dry them completely by pressing them between the folds of old newspapers. Paste them on a chart paper grouping according to the shape and size.

Activity 2: Chart making

Collect some pictures of plants and paste them on a chart paper. Below each picture, write the name of plant and the type of habitat it grows in.

Activity 3: Drawing, colouring and sorting

Collect fifteen cut-out pictures of different animals. Take a white chart paper and make sections on it for different habitats. Sort and paste the pictures of animals in the section of habitat they are found in. Draw and colour the environment around the animals.

Activity 4: Collecting information and pictures

Collect information about two animals which have special ways of protecting themselves from their enemies. Stick pictures of these animals in your science notebook and write briefly about them.

Activity 5: Model making

Collect some waste materials at home. Make a model showing the life cycle of any insect using these waste materials.

Activity 6: Observing and drawing

Collect some water from a pond and observe it through a hand lens. Draw the pictures of organisms that you see in this water. Try to identify these organisms with the help of your teacher.
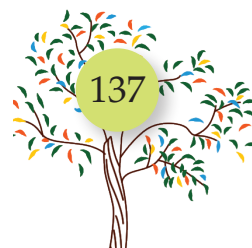
Activity 7: Chart making

Collect pictures of different road safety signals. Paste these pictures on a chart paper and write the meaning of each signal below it.

Activity 8: Filtering muddy water

Take a filter paper and fold it in half, then in half again. Now, open the folded circle a little to make a cone.

Take a funnel and put the filter paper cone inside it. Set the funnel in the mouth of a glass jar and fill the cone with clean sand.

Take another jar and fill it with water. Add 3 or 4 teaspoonfuls of dirt to the water and

stir well. Now, slowly pour the muddy water onto the sand filled in the funnel and look at the water coming out of the funnel into glass jar. You get clear water in the jar.

Activity 9: Making a water cleaner

Take 1 litre water in a mug and mix a small amount of dirt in it. Stir the water well. Pour the dirty water into a large bowl.

Place a glass tumbler in the centre of the bowl. Carefully, put the bowl into a plastic bag and seal it tightly. Put a rock piece on the plastic bag just over the glass tumbler and leave the water cleaner in the sun throughout the day.

In the evening, remove the rock piece and plastic bag carefully. You will see clean water in the glass tumbler.

Activity 10: Making sugar crystals

Take a glass tumbler and half-fill it with hot water. Slowly mix sugar in it. Keep adding sugar until you get a thick syrup. Now, tie a paper clip in a piece of thread and suspend it in the glass tumbler. Make sure that the paper clip doesn't touch the bottom of tumbler. Cover the tumbler to keep the dust away and leave it undisturbed at a safe place.

After a few days, you will see crystals forming around the paper clip and thread. Use a magnifying glass to examine the shapes of crystals.

Activity 11: Making shapes

Take some coloured clay. Make your favourite shapes using it.

Activity 12: Making a volcano

Take an empty coke can and place it in an open area. Make a mound of soil around the can. Now, put two teaspoonfuls of baking soda into the can and add about a teaspoonful of liquid soap to it. Then, add 5 drops each of red and yellow food colours. Finally, add about 100 millilitres of vinegar to the can and watch what happens. It erupts just like a volcano, giving out coloured foam from its top.

Activity 13: Formation of Day and Night

Take a torch and a ball. Ask your friend to hold the ball in his/her hand. Now, light the torch and focus it on the ball. The torch acts as the sun and ball as the earth, the lighted portion is having the daytime and the dark portion is the night-time.

Activity 14: Model making

Make a model of the solar system using different types of waste materials. Find out and write the revolution period of each planet on it.