

### Project

(Chapter 1)

Take a leaf of a peepal tree and soak it in water for a few days. Then take the leaf out and gently brush the leaf so that only the veins remain.

Dry the leaf and then paste it on a thick sheet of paper. Name the veins and submit it to your teacher.

### Wordsearch

(Chapter 2)

In the given wordsearch, the names of 12 plants are hidden. Find and encircle them.

S	H	I	S	H	A	M	C	S	J
H	D	F	E	R	N	P	H	U	S
Y	M	K	M	C	Q	E	O	N	P
D	O	E	B	A	G	N	T	D	R
R	S	D	U	C	K	W	E	E	D
I	S	L	O	T	U	S	A	W	E
L	S	P	R	U	C	E	K	A	I
L	P	M	U	S	H	R	O	O	M
A	L	M	A	N	G	R	O	V	E

### Quiz

(Chapter 2)

In the class, organise a quiz based on the topic 'Adaptations in plants'.


Divide the class into three teams and maintain a scorecard.

Besides asking oral questions, one could also ask some questions based on pictures for example, 'Identify this tree and tell where it grows?'.


### Experiment

(Chapter 3)

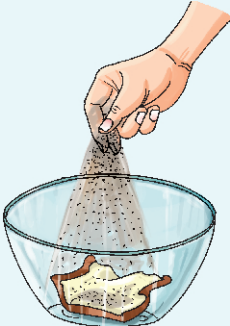
Observe the formation of fungi:



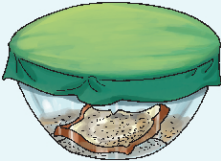
1. Take a slice of bread and soak it in water.



2. Squeeze out the water. The slice should be moistened.



3. Put the slice in a bowl and sprinkle some dust over it.



4. Cover the bowl and keep it in a warm place.

After a few days, you will see moulds on the bread. It is fungi. Find out what is fungi.

### Find Out

(Chapter 4)

Use the Internet and find out two more examples of the following plants or animals other than those mentioned in the respective chapters.

- coniferous plants
- desert plants
- aquatic animals
- arboreal animals

# Activity Bank

## Section B

(Based on chapters 5 to 7)

### Wordsearch

In the given wordsearch, the names of 12 food items are hidden. Find and encircle them.

B	G	S	J	D	O	S	A	C
I	H	A	C	H	I	P	S	H
S	E	M	U	F	F	I	N	E
C	H	O	C	O	L	A	T	E
U	E	S	P	A	P	D	M	S
I	G	A	P	I	Z	Z	A	E
T	G	M	B	U	R	G	E	R
N	S	I	D	L	C	A	K	E
K	O	M	E	L	E	T	T	E

(Chapter 5)

### Find Out

Use the Internet and find out 4 sources of each of the following nutrients. The sources should be other than those mentioned in the chapter.

- proteins
- carbohydrates
- fats
- vitamins

(Chapter 5)

### Experiment

Check how dark soda like cola stains our teeth and how toothpaste removes those stains.



1. Take the items shown above.



2. Pour the cola into the plastic glass.



3. Put the boiled egg in the glass. The cola should cover the egg.



4. Leave the egg in the cola for 24 hours.



5. Take out the egg. You will see stains on the eggshell.



6. Now apply some fluoride toothpaste to only one side of the egg and brush it.



7. Now, rinse it with water.



8. You will see that the toothpaste has removed the stains.

Our teeth are similar to the shell of an egg. Both are made up of calcium. So, never forget to brush your teeth.

(Chapter 6)

### Project

Make a chart on dental care. Paste or draw pictures showing different ways of caring for the teeth, for example, brushing teeth, rinsing the mouth after every meal, using dental floss, not eating too much sweets, and eating fresh fruit and raw vegetables.

(Chapter 6)

### Group Discussion

Make groups of four students each. Each group will discuss the following topic.

*'The importance of clothes in our daily life.'*

Make sure that each student says something on the topic.

(Chapter 7)

### Project

(Chapter 8)

Make your own first-aid box. Find a suitable box and collect the items necessary for first aid. Take the help of your parents in preparing the box. Show it to your teacher and then take it back home.

### Wordsearch

(Chapter 10)

In the wordsearch, names of 12 animals that live in the soil are hidden. Find and encircle them.

C	H	A	M	S	T	S	A	N	T
E	B	R	A	T	U	C	O	T	E
N	I	F	L	S	M	O	L	E	R
T	L	E	B	U	G	R	B	G	M
I	S	R	E	P	N	P	A	E	I
P	N	E	E	O	A	I	D	R	T
E	A	R	T	H	W	O	R	M	E
D	K	K	L	E	R	N	E	B	M
E	E	L	E	E	C	H	R	L	O
C	I	C	A	R	A	B	B	I	T

### Group Discussion

(Chapter 10)

Make groups of four students each. Each group will discuss the following topic.

*'The necessity of soil conservation'*

The following points are to be included.

- the importance of soil
- factors causing soil erosion
- measures to prevent soil erosion

### Find Out

(Chapter 11)

We use many energy resources. Mineral resources are one of them. Do you know how they are made available to us? They are obtained from deep mines under the ground.

Find out why they are not found on the earth's surface in free state. Also find out about different kinds of mines. Take help from the Internet, books, magazines, etc.

### Experiment

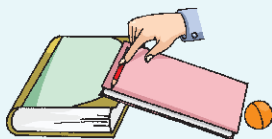
(Chapter 11)

Observe how energy is transferred from one object to another.

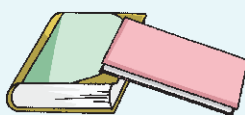
#### Steps



1. Take a thick book, a notebook, a pencil and a table tennis ball.



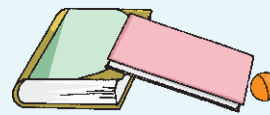
4. Place the pencil on the top edge of the notebook.



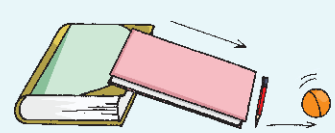
2. Place one end of the notebook on the book.



5. Let the pencil roll down from the top of the notebook.



3. Place the ball near the other end of the notebook.



6. The pencil will hit the ball and make it roll.

The energy from the moving pencil is transferred to the ball. This energy makes the ball move.

### Project

(Chapter 12)

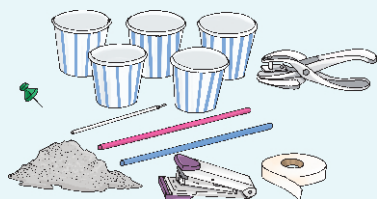
Make a chart on the topic 'Different forms of condensation in nature'. Collect relevant pictures from old magazines, newspapers, etc. or download the images from the Internet and take printouts. Paste the pictures on a sheet of chart paper and label them with coloured pens. Submit the chart to your teacher.

### Experiment

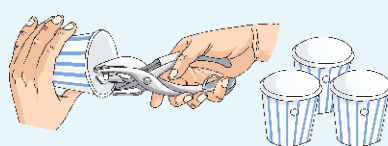
(Chapter 12)

Make an instrument that shows the speed of the wind.

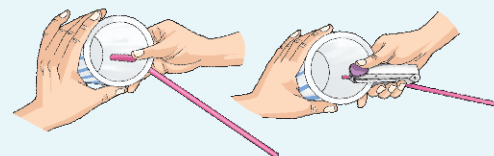
#### Steps



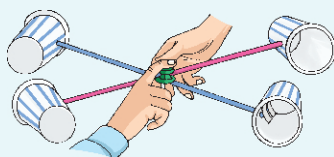
1. Take 5 paper cups, 2 straws, a push pin, a hole punch, a stapler, sellotape, an empty refill and some sand.



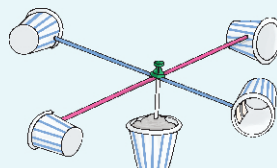
2. Take 4 paper cups and punch one hole in each about half inch below the rim.



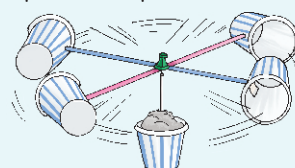
3. Push both ends of a straw into the holes in the cups. Fold down the tips of the straws inside the cups and staple them as shown.



4. Make a '+' sign with the straws and tape them. Push the pin through the centre.



5. Insert the pin into the empty refill. Fill sand in the fifth cup. Push the refill into the cup of sand.



6. Place it in the open. A strong wind will spin the cups faster than a gentle breeze.

### Wordsearch

(Chapter 13)

In the wordsearch, the names of 11 heavenly bodies are hidden. Find and encircle them.

M	P	U	V	E	N	U	S	B
E	A	R	T	H	E	R	A	L
R	J	A	M	O	O	N	T	M
C	O	N	C	R	N	S	U	A
U	J	U	P	I	T	E	R	R
R	H	S	K	O	P	U	N	S
Y	A	S	U	N	M	I	L	K
K	T	N	E	P	T	U	N	E

### Find Out

(Chapter 13)

India has sent a spacecraft to the moon. One of its spacecraft is orbiting the planet Mars. Find out the names of these two spacecraft and the dates of their launching. Also, find the date when the Indian spacecraft landed on the moon.

### Group Discussion

(Chapter 14)

Make groups of five students each. Select a leader in each group. Now the remaining four students will discuss the following topic.

*'How can children help in controlling pollution?'*

The leader will hear them, make a list of proposed measures and submit it to the teacher.