Archana Shukla

This is my book

I am ................................................
I am in class ....................................
Wow! Science, the series, attempts to present Environmental Science through a comprehensive, wide ranging content, along with related activities, to provide joyful learning experience, for the young learners. Our endeavour is to help satisfy the curiosity of the learners, about ‘hows’ and ‘whys’ of various happenings around them. For this, we incite their curiosity and then encourage them by involving them in finding the answers. Real-life pictures and vibrant illustrations draw and keep their attention to enhance learning, thereby making Environmental Science real and relevant to young learners. The series is designed keeping the latest pedagogical concepts in mind, such that it follows the recommendations of the NCF (2005).

**Salient Features**

- Each chapter progresses logically, connecting the previous knowledge with the new content through a useful and interactive ‘Warm-up’ activity to begin with.
- A list of the aims of learning of each chapter, under ‘We will learn’ begins the chapter and a flow chart of the learning accomplished, under ‘I have learnt’, summarises the chapter.
- The conversation among the three characters—Jigyasa, Chinmaya and Vaigyanik Chacha—is used time and again to make the atmosphere conductive to learning.
- A wide variety of exercises and a plethora of activities and project works given at the end of chapter help to evaluate the learning.
- Each chapter is accompanied by a worksheet for further practice and to cement the learning of the topic.

We hope we succeeded in presenting a course that will interest the learners and result in augmenting their learning. We look forward to a feedback and assure you that any errors are inadvertent. Any errors pointed to us will be attended to.
I have learnt
Concept maps that summarise and link all the concepts learnt in a chapter

Find Out
Includes questions to encourage critical thinking and problem-solving among the young learners

Worksheet
A useful worksheet at the end of each chapter for additional formative evaluation

Evaluate
Includes testing modes graded under appropriate headers such as: Let's answer, Let's do it, Let's think, Skill builder and I wonder

Skill Builder
A creative exercise that helps to build the right attitudes and values in young learners

I wonder
Hands-on activities involving experiments, making observations, collecting data, model making and project work
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• Travel by water  
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About Myself

Hello, I am Jigyasa. I am five years old. I study in grade one. I have many friends in my school. They are Tanmay, Kashish, Archana and Chinmaya.

I Like To Do

Look at Jigyasa and Chinmaya playing.

I looked like this when I was a baby.

Paste your picture when you were a baby.

Anything that we like and enjoy the most is our favourite.
Jigyasa likes to dance. It is her hobby. A **hobby** is an activity that we like to do in our free time.

**Find Out**

Talk to your friends and find out what are their favourite colours. Also find out their hobbies.

**Building Block**

Now, write about yourself and paste your photograph to complete the identity card.

<table>
<thead>
<tr>
<th>School identity card</th>
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<tbody>
<tr>
<td>School: ...........................................</td>
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<tr>
<td>Class: .................................</td>
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<tr>
<td>Name: ........................................</td>
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<td>Date of Birth: .....................</td>
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<td>Contact Number: ..............</td>
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</table>

Children wear cards in school. They are called **identity cards**. An identity card tells the details about us, such as name, class, date of birth and contact number. They are called **personal details**.

**I Have Learnt**

- We have different likings.
- Activities that we like doing during free time are called hobbies.
- We wear an identity card to school.
- Identity card tell details about about a person.

**Science Words**

- Favourites
- Hobbies
- Identity card
- Personal details
Let’s answer

A. Tick (✔) the correct options.

1. Which of the following activities can you do on your own?

   ![Activity Images]

   a) 
   b) 
   c) 
   d) 

2. I am .................... years old.

   a) 4  
   b) 5  
   c) 6  
   d) 7  

B. Encircle your favourite colour.

   ![Colour Images]

C. Make a 😊 if you like the activity and a 😞 if you do not like the activity.

   1. Singing
   2. Eating fruits
   3. Watching television
   4. Playing with friends

Let’s think

Ask your parents about their work. What would you like to become when you grow up? Discuss in the class.

Let’s do it

Make an album of your favourites by drawing or pasting pictures.

   Game  
   Dress  
   Animal  
   Hobby  

Skill builder

Jigyasa brings some candies to the class. She shares these candies with her friends. Do you like to share your lunch with your friends? Why should we share things with others?

I WONDER

Make a family tree on a chart paper. Paste pictures of your grandfather, grandmother, your parents, your uncles and aunts, yourself, your siblings and your cousins.
Complete the poster by writing names, pasting or drawing pictures. Take the help of your teacher.

**All About** (Name)

I am ______ year old

When I grow up I want to be ....

My friends are

I like to watch

I AM GOOD AT

My favourite COLOUR: ____________________

ANIMAL: ____________________
Parts of Our Body

Our body has many parts. These parts help us in many ways. Let us learn them.

Warm Up

Fill in the blanks using the words given next to the pictures.

a. We brush our __________ daily.
b. We wash our __________ before eating.
c. We speak with our __________.

Find Out

The names of some parts of our body are hidden in the grid. Find any four of them.

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Functions of Our Body Parts

Let us learn how the parts of our body help us to perform various activities.

**BITE**
We bite and chew with our teeth.

**CHEW**

**SPEAK**
We speak and eat with our mouth.

**EAT**

**SEE**

**BREATHE**

**Info Bit**
Blinking of eyes keeps them clean and moist. It maintains the flow of tears on the surface of eyeballs.
Some people are not able to use some parts of their bodies properly. These people need extra help to perform basic activities. Discuss at least five ways to help such people, with special needs.
I Have Learnt

- Our body has many parts called body parts.
- The body parts help us to perform various activities.
  » eyes - see   » nose - breathe   » mouth - talk
  » hands - eat   » legs - walk

Science Words
- Blinking  •  Functions  •  Eyeballs  •  Bite  •  Chew  •  Surface  •  Eyeballs

Evaluate

Let’s answer

A. Tick (✓) the correct options.

1. Which of the following parts of the body is present in pairs?
   a)  
   b)  
   c)  
   d)  

2. Which part of the body is used for walking and running?
   a)  
   b)  
   c)  
   d)  

3. We chew and bite with our ________________ .
   a)  
   b)  
   c)  
   d)  

4. Which part of the body helps us to write?
   a)  
   b)  
   c)  
   d)  

B. Tick (✓) the correct sentences and cross (X) the wrong sentences.

1. We have one hand.  
2. We have two eyes.  
3. We have two heads.  
4. We have two ears.  

Let’s think

Write the names of the parts of the body involved in the following activities. Use the help box.

Teeth  Legs  Hands  Eyes  Fingers  Mouth

Let’s do it

Here is a picture of a bunch of grapes. Dip your thumb in a painting colour and press it on a paper. Do this for 6 to 7 times to make a bunch of grapes.

Skill builder

Look at the following pictures. Draw a 😊 next to the picture if it makes you happy. Draw a 😞 next to the picture if it makes you unhappy.

When dad scolds you.  When we share things with others.  When you help someone.

I WONDER

Works in groups. Draw and cut out different parts of the body (take help from an adult). One child would lie down on a chart paper, rest will trace his body outline. Paste the cut-outs to complete the body collage.
Colour the picture of a boy. Match the parts of his body with their correct names.

- Nose
- Ear
- Eye
- Neck
- Chest
- Elbow
- Hand
- Knee
- Foot
- Fingers
- Head
- Hair
- Mouth
- Chin
- Shoulder
- Wrist
- Arm
- Abdomen
- Leg
- Toes
Warm Up

When you wake up in the morning, what are the first things you do?

- see
- hear
- smell
- touch
- taste

Look at the picture of a garden. The children are doing many activities using different parts of their body. A girl has come with her grandpa. The grandpa cannot see. He can hear the sweet call of a bird.

- The teddy is so soft!
- This ice candy is so tasty!
- Wow! These flowers smell so nice!
- Yes, I can hear its beautiful voice.
- Grandpa! There is a bird singing on the tree.
We see, touch, smell, hear and taste things. This is done with the help of our senses. Our eyes, ears, nose, skin and tongue are our sense organs. They help us to sense things near us.

The sense organs help us to know what is going on around us. They also help us to protect ourselves and know more about.

We taste with our tongue. We hear with our ears. We smell with our nose. We see with our eyes. Our skin helps us to feel things.

**Building Block**

Draw the missing sense organs on the dog’s face. Colour it.

**Info Bit**

We can taste sweet, sour, salted and bitter things.

**I Have Learnt**

- Sense organs help us to know what is happening around us.
- Sense organs:
  - eyes to see
  - nose to smell
  - ear to hear
  - skin to feel
  - tongue to taste

**Science Words**

- Sense organs
- Feel
- Taste
- Smell
- Touch
- Senses
Let’s answer

A. Tick (✔) the correct options.
   1. Which of our senses would help us recognise a sudden noise behind us?
      a) tasting ☐ b) smelling ☐ c) seeing ☐ d) hearing ☐
   2. Which of our senses helps us to know that the fur of a dog is soft?
      a) smelling ☐ b) tasting ☐ c) seeing ☐ d) touching ☐
   3. Which of our sense organs do we use to look at a picture?
      a) nose ☐ b) eyes ☐ c) ears ☐ d) tongue ☐

B. Fill in the blanks. Choose the correct words from the box.
   1. Skin helps us to ______________.
   2. ______________ helps us to smell.
   3. Tongue helps us to ______________.

Let’s think

Tick (✔) the correct sense organs used during the given activities.
   1. Rahul heard his mother telling him to drink the milkshake. (eyes/ears)
   2. He touched the glass of the milkshake and found it to be cold. (skin/eyes)
   3. He could smell the strawberry flavour. (tongue/nose)
   4. He finally drank the milkshake and enjoyed its sweet taste. (skin/tongue)

Let’s do it

Sit with your friends during the lunch break. Do not open your lunch boxes. Try to figure out the contents of each lunch box with your sense of smell.

Skill builder

Animals can also hear, taste, see, smell and feel like us. But they cannot speak and express themselves like we do. It is our duty to be kind to animals and help them. How can you help animals. Discuss in the class.

I wonder

Mr. High Five has 5 senses. Make ‘Mr. High Five’ using feathers, whistles, clay, buttons, cloves and plasticine.
A. Complete the chart by filling the boxes with the related sense organs.

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<td>smell</td>
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<td>sight</td>
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</table>

B. Read the given poem. Colour the name of the sense organs in green and activities related to them in pink. One has been done for you.

My eyes can see the big bright star.
My tongue can taste the chocolate bar.
My nose can smell the flowers in spring.
My ears can hear the phone ring
My skin can feel the soft grass.
the cold ice and the smooth glass.
My Family

Warm Up

When you fall sick who takes care of you? What do you do to help your parents or elders at home?

I am so excited to visit my grandparents’ home in the holidays. Don’t you visit your grandparents?

No! My grandparents live with us at our home. We are ten people living together.

In This Lesson

- Family
- Small family
- Big family
- Fun and care with family
We all live in a family. A family can be big or small.

Jigyasa lives with her parents and brother. She also has a pet dog. Its name is Rio. Her family is a small family. Rio is also a part of her family.

Chinmaya lives in a big family of ten members. He lives with his parents, elder sister, grandparents, uncle, aunt and cousins.

Info Bit
Your brothers and sisters are your siblings. The children of our uncle and aunt are our cousins.

Find Out
Jigyasa calls her grandparents daadu-daadi and naanu-naani. Find out what do your friends call their grandparents?

Fun and Care With Family
Family members love, support and care for each other. All the members of a family live happily together. They look after each other. When someone in the family falls sick, the other members nurse him/her back to health.
They also share household chores and responsibilities. They enjoy playing, celebrating and going out together.

**Building Block**

Make a ‘Thank you’ card for your family. Write few lines to thank your family members for all the love and care they give to you.

**I Have Learnt**

- Family is of two types: small family and big family.
- Family members care for each other and have fun together.

**Science Words**

- Small family
- Big family
- Siblings
- Cousins

**Evaluate**

Let’s answer 🖊

A. Choose the correct options and fill in the blanks.

1. A small family has siblings and __________ . (parents/cousins)
2. A big family has __________ members. (few/many)
3. My brothers and sisters are my __________ . (cousins/siblings)
4. The children of my uncle and aunt are my __________ . (cousins/siblings)
B. Identify the relationship of the family members in the given pictures. Fill in the blanks with the correct letters.

F_ _ H _ R  
GR_ N_ F_ T_ E_  
_RA_ MO_ H_  
_ A_ E_ S

C. Which type of family do you live in?
D. What household chores do you do to help your family members?

Let’s think

Riya and Ryan are the children of Mr and Mrs Khanna. Read the following sentences and tick (✓) the correct options.

1. Ryan is the daughter/son of Mr and Mrs Khanna.  
2. Riya is the daughter/son of Mr and Mrs Khanna.  
3. Mr and Mrs Khanna are parents/siblings of Ryan and Riya.

Skill builder

Families that eat, pray and play together, stay together. How do you spend your time with your family members? What do you enjoy the most with them? Discuss in the class. What are the things that you share with your siblings?

Let’s do it

With the help of your parents, find out the names and birthdays of your grandparents, uncles, aunts and cousins. Then write them in your scrapbook under the heading ‘My Family’.

I Wonder

Make a puppet family. Use disposable spoons as body structure, make face on the bowl of the spoon (upper part). Make cut-outs of dresses such as pants, saree, frock etc. and paste them on the handles of the spoons. Also, name the members of the puppet family.
Tick (√) the activities that you do with your family.