

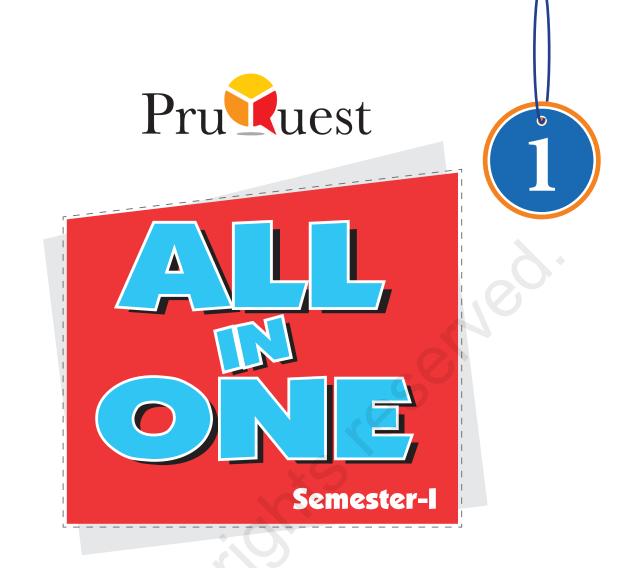
# Semester-I

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Content Developed by A Team of Authors and Subject Consultants

- English Course Book
- English Grammar & Composition
- Mathematics
- Environmental Studies
- **General Knowledge**



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# **English Course book**

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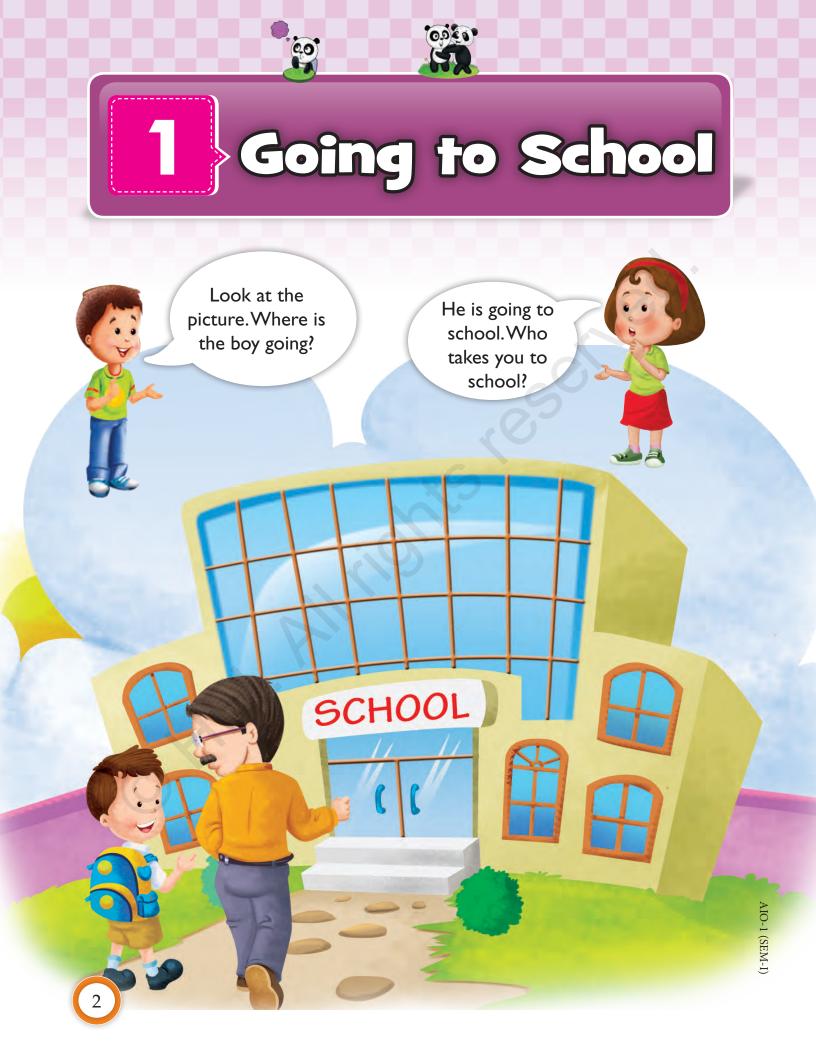


A communicative, integrated-skills course





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2.	A Birthday Surprise		
	Sing and Dance (Poem)	19	1
3.	Holiday	21	l.
4.	Yum!	30	1
	New Breakfast (Poem)	38	1
5.	Puppet Show	40	11 11 11
1		- 1	"



Rina is six years old. She goes to Sunny Days School. Her father wakes her up in the morning.



Rina brushes her teeth. Next she takes a bath. Then she puts on her school uniform. She needs help tying up her hair. She asks her grandmother to help her.



Rina's grandmother makes two beautiful plaits. She ties the two red ribbons on them.

Rina is in a hurry to go to school. She picks up her bag. She is about to leave the house when her mother calls her.



Rina eats cornflakes with milk. Then she takes her lunch box from her mother and puts it in her school bag. Rina thanks her mother.

Now, Rina is ready to go to school. She goes to the bus stop with her grandfather.



Soon, a big, yellow school bus arrives. Rina gets on the bus and waves goodbye to her grandfather.





#### (1) Read each sentence. Mark it true ( $\checkmark$ ) or false (x).

Rina is six years old.

Rina goes to the bus stop with her brother.

Rina's grandmother plaits her hair.

Rina eats fruit in the morning.

Rina goes to school on a red bus.

Rina's father wakes her every morning.

(2) Match each speech bubble to the correct picture. Write the name of the speaker under the bubble.





#### Fill in the missing letters and read what Rina does each day of the week.

- (1) Rina does art and craft on M \_ nd\_y.
- (2) She goes to market with her mother on Tu\_sd\_y.
- (3) She swims on W\_dn\_sd\_y.
- (4) Story time is on Th\_rsd\_y.
- (5) She has a music class on Fr\_d\_y.
- (6) She cleans her desk on S\_t\_rd\_y.
- (7) S\_nd\_y is a holiday.



#### Nouns

(I) Write the name of each picture in the blank.



You have just written eight *nouns* or *naming words*. Nouns tell us what a person, place, animal, bird or thing is called.

(2) Circle words in the box that are not naming words.

snake	pig	help	sheep
paper good		lamp	clock
temple	hotel	shop	play
run	doctor	teacher	mother



Who helps you get ready in the morning? Do you get ready yourself, or does somebody help you? Underline in red the things you do on your own.Write each phrase in the space below to make a sentence.

take a bath	comb my hair
prepare my lunch	eat breakfast
pack my bag	go to the bus stop
1	
1	
I	
I	

1.....

|....



#### Listen to some nouns, and circle those you see in the picture.





#### Read the following dialogue aloud:



Find a partner. Now look at these pictures. Work with your partner and say which greeting you would use in each situation.

In the afternoon





In the evening



At night



#### Read each word aloud.

10

come	care	call	comb	carb	cake	
kiss	kite	kiwi	keep	kick	kill	10-1 (SEM-





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Heena's mother is wrapping Heena's birthday gift with blue wrapping paper. Can you guess what it is?

> Only Heena's mother knows what the gift is. It is a surprise for Heena.

> > 11

All the students of Class I are present today. Everyone has brought something from home.

Ali has marigold flowers. Aman has roses. Rashi has sunflowers. Varun has a nice pink ribbon. The children give their flowers to Varun. He ties a ribbon around them.





Anu has drawn a picture of a cake on a sheet of paper. She gives the sheet to Rishi. He colours the cake pink and yellow. Isha has nice handwriting. She writes a message on the sheet of paper and folds it. The card is ready!

Tring! Tring! Tring! The bell rings. Ms Sharma comes into the classroom. Ms Sharma is the English teacher of Class 1.

'It's story time. Let us read a story.' She opens her drawer to take out *Big Book* of Stories.

Ms Sharma sees the flowers and the card. She smiles as she opens the card. 'Happy Birthday from all of us!' she reads aloud.



The children stand up.

'Happy Birthday,' they sing. Ms Sharma laughs.

'Thank you for a wonderful surprise,' she says. Ms Sharma and the children are very happy.





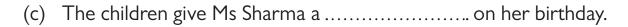
#### (1) Number the pictures 1, 2, 3 and 4 in correct order.



(2) Choose the correct option to complete each sentence.

- (a) ..... teaches Class I students.
  - (i) Ms Sharma (ii) Ms Ahuja
- (b) Anu draws a picture of a ..... on the card.
  - (i) flower (ii) cake





- (i) surprise (ii) ball
- (d) The children surprise her with .....
  - (i) flowers and a card (ii) a box of chocolates and a card

Look at the words below. Join the words in each set to form a new word.

(I) ruck + sack = .....

Vocabulai

0.0

- (2) class + room = .....
- (3) play + ground = .....
- (4) home + work = .....
- (5) note + book = .....















### Singular and Plural

Read the words below.

Singular	Plural
one colour	four colours
one rose	three roses
one brush	three brushes
The word <i>singular</i> means one. There is only one colour, one rose and one brush in the left column above. They are singular.	The word plural         means more than one. When         there are two or more         colours, roses or brushes,         they are plurals.

We usually add s or es at the end of a word to make it plural.

When a word ends with the letters s, z, sh, o, or ch, we add es to make it plural.

brush brush + es = brushes

For other endings, we add s to make plurals.

pen pen + s = pens

(1) Form the plurals of the words below by adding s. Say the words aloud.

- (a) tree .....
- (b) chair .....
- (c) table .....
- (d) bell .....
- (e) teacher.....

(2) Form the plurals of the words below by adding es. Say the words aloud.

(a)	bus	
-----	-----	--

- (b) dish .....
- (c) glass
- (d) box .....
- (e) church .....

Phonics **SL** 

L 🚺 🧕

Read the following plurals aloud. First read the words in box I and then read the words in box 2.

Box I	Box 2
dogs	cats
friends	students
eggs	carrots
papers	books

The letter s represents two different sounds at the end of these words: /s/ or /z/. Which sound do you hear at the end of each word?

JO-1 (SEM-I)





#### Complete the sentences writing about yourself.

- (I) My name is .....
- (2) I go to ..... School.
- (3) I am in .....
- (4) I am ..... years old.
- (5) My birthday is on .....



Take turns to read the sentences from the writing section to the class.

Begin by greeting your teacher and friends.





Listen to the words. Tick the correct picture.



















I listen to the music, I stomp my feet. Tap! Tap! Tap! It goes with the beat.

0

I listen to the music, I move my hands. Clap! Clap! Clap! I wiggle and dance. I listen to the music,

I twist and spin. I sway like a river And sing, sing, sing!



#### Look at the pictures below and say what the child is doing:











#### Read the poem aloud with actions.

Tap your feet when you read 'Tap! Tap! Tap!'

Clap your hands when you read 'Clap! Clap! Clap!'

Move your body when you read 'twist and spin'.





#### Now read this story.

'Leo! Leo! Where are you?' Zoya calls. Leo comes running to Zoya. 'There you are!' she says. 'Hurry up! We are late. Mummy will not be happy.' Zoya carries her backpack out to the car. Leo follows her with his leash in his mouth.



They sit in the back seat of the car. Zoya puts on her seat belt. Then she puts the seat belt around Leo. Zoya's mum looks in the mirror. 'Are we ready?' she asks. 'Yes, Mum,' says Zoya. 'Woof, woof,' says Leo. 'All right then,' says Mum. 'Let's go.'

'Yay!' says Zoya. 'We are going

to see Grandpa and Grandma. I am so happy!' 'Woof, woof, woof,' says Leo.

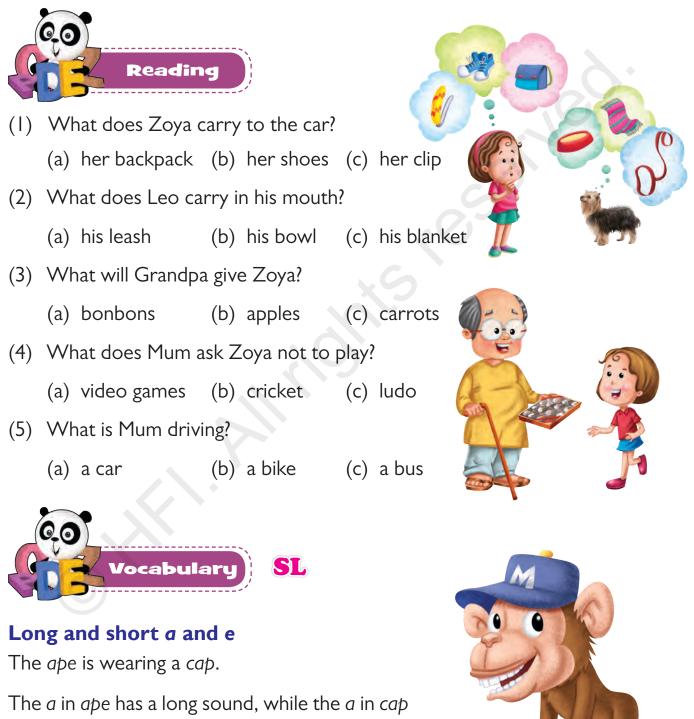


'Grandma will read me stories and Grandpa will give me bonbons,' she says. She looks at Leo. 'Do you like bonbons, Leo?' she asks. 'Woof!' answers Leo, happily, and wags his tail.

> 'Don't eat too many, Zoya,' Mum says. 'Save some for when you come back.'

> 'Oh yes, Mum, I will,' says Zoya. Mum puts on her seat belt. 'And no video games when we are on holiday,' she adds.

'Sure, Mum. No video games. Right, Leo?' Zoya says. Leo nods his head. 'Good boy!' she says, patting his head. Mum starts the car. Then off they go to spend their holiday with Zoya's grandparents.



has a short sound. The vowel *a* has long and short sounds.

(1) Look at the words below. Circle the words with the short *a* sound. Then underline the words with the long *a* sound.



Now read this sentence:

There is a key in the net.

The e in key has a long sound, while the e in *net* makes a short sound. Just like a, the vowel e also has long and short sounds.

(2) Look at the words below. Circle the words with the short *e* sound. Then underline the words with the long *e* sound.





#### Read these sentences.

Zoya is going on holiday. She is going with her mother and Leo.

Here, she is used in place of Zoya.

Leo is happy. *He* is smiling. Here, *he* is used in place of *Leo*.

Zoya and Leo are getting ready. *They* will go together.



Here, they is used in place of Zoya and Leo.

Zoya carries her backpack. *It* is not heavy.

Here, it is used in place of backpack.

Leo and I are going to visit Grandpa and Grandma. We are so happy.

Here, we is used in place of Leo and I.

The words she, he, they, it and we are called *pronouns*. We use pronouns in place of nouns.



#### Rewrite the following sentences using *she*, *he*, *it*, *we* and *they*. Look at the example for help.

**Example:** Simi is reading a book. Simi likes to read.

Simi is reading a book. <u>She</u> likes to read.





 Tony is bathing his puppy. Tony puts shampoo on the puppy's head first.

(2) Dad and I are going to the market. Dad and I are going to buy fruit.



(3) The monkeys are playing. The monkeys are having fun.





(4) The kitten is playing with a ball. The kitten is having fun.

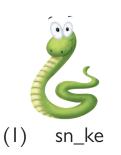
. . . . . . .

(5) Annie is feeding the birds. Annie is feeding them seeds.





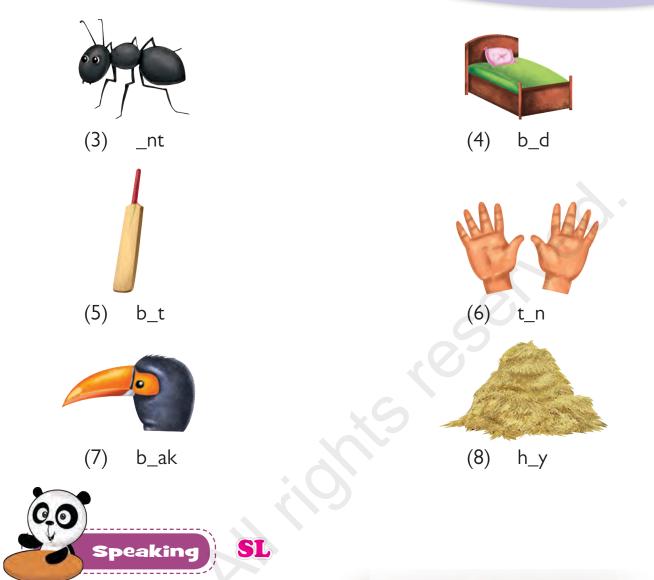
You read about the long and short *a* and *e* sounds. Now fill in the blanks in the following words with *a* or *e*:





(2) <u>j\_ans</u>





Find a partner. Describe to him or her how you spent your holiday. Did you go anywhere? Did you stay at home? What did you do? Use the sentences below for help:

- I went on a trip.
- I went with my parents.
- We went to Simla.





Look at the picture below. This is a picture of Vani and her family on a holiday. Listen to Vani talk about the picture and fill in the blanks.



(I) We are at the .....

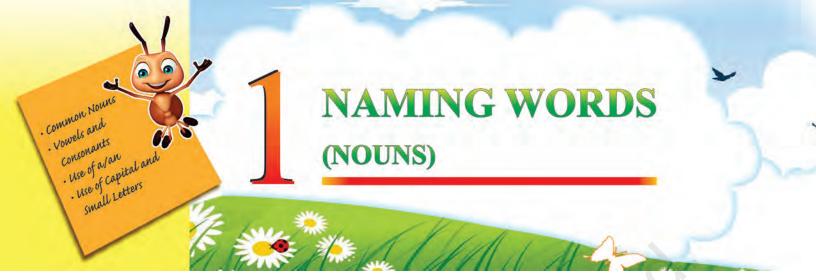
- (2) My brother is eating ......
- (3) I am making a castle in the .....
- (4) My father is lying under the .....
- (5) My mother is collecting ......

# **ENGLISH** GRAMMAR & COMPOSITION

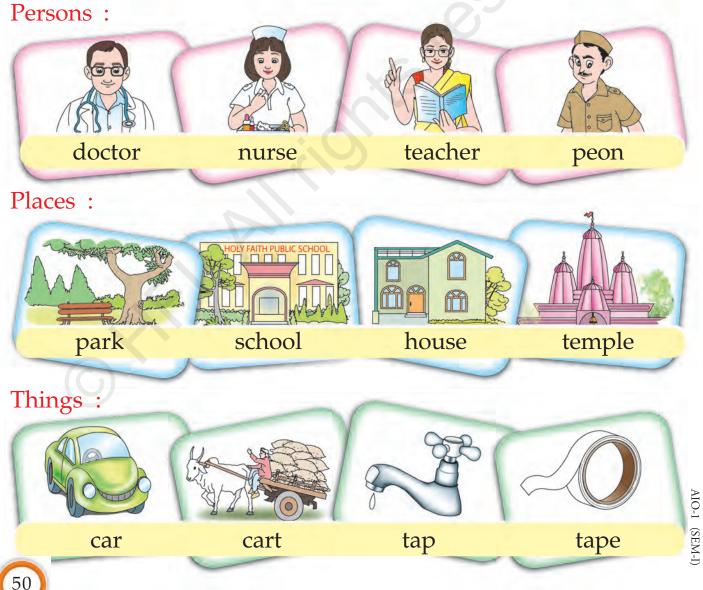
Easy to teach and easy to learn A child-friendly book like no other Strictly within the child's mental range

#### CLASS-1 **+** SEMESTER-I

		-
Ι.	Naming Words (Nouns)	50
2.	One and More than One	60
3.	He-words and She-words	66
4.	Describing Words	73



Naming words are names of persons, places or things. >In English grammar, we call them Nouns.



Test Yourself

I. Say these naming words aloud.

pig	eagle	sheep	cherry	papaya
boy	clerk	onion	potato	mother
girl	duck	garlic	brinjal	donkey
owl	tailor	horse	mango	peacock
goat	uncle	camel	orange	cabbage
crow	apple	parrot	banana	pumpkin

- II. Put each naming word in the right group.
  - 1. Persons :

pig

boy

2. Birds and Animals :

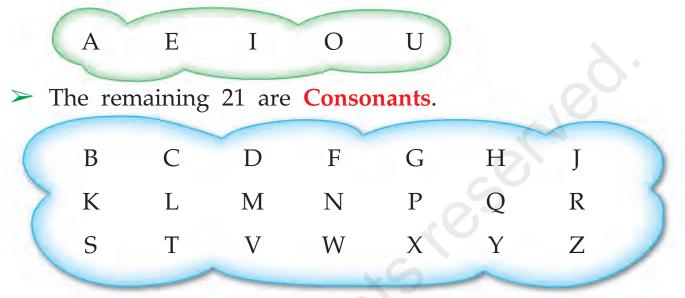
3. Fruits and Vegetables :

apple

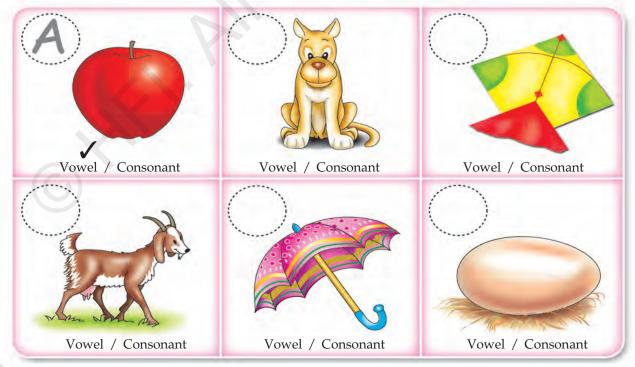
# VOWELS AND CONSONANTS

 $\succ$  Now you know there are 26 letters in the English Alphabet.

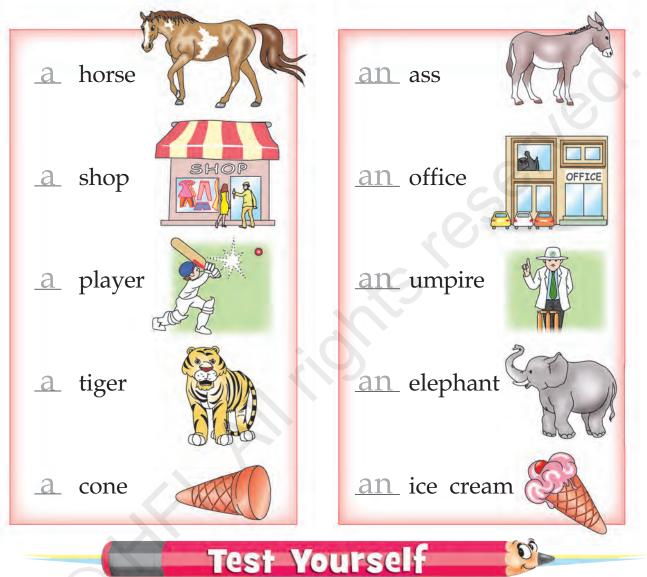
> Five of these are called **Vowels**.



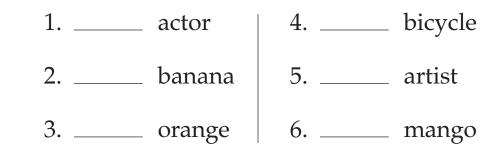
Say what you see in each picture. Write the letter with which each word begins. Is it a vowel or a consonant ?



- Naming words beginning with a consonant sound take a before them.
- Naming words beginning with a vowel sound take an before them.



I. Put a or an before each.





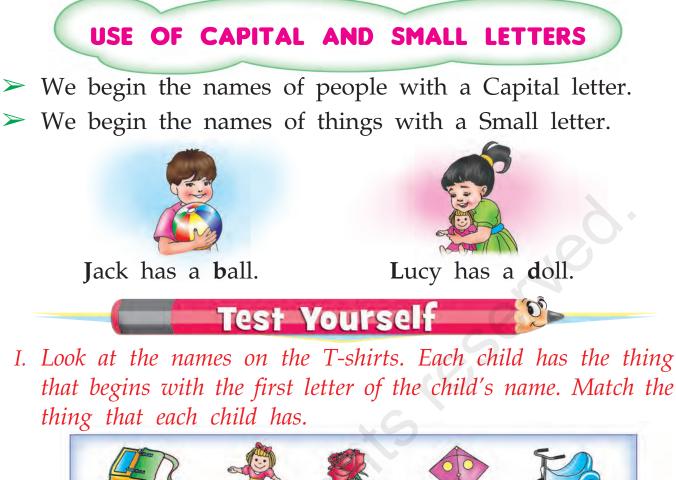


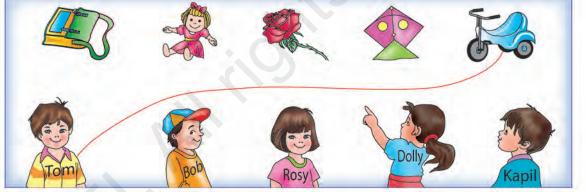
AIO-1 (SEM-I)

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AIO-1 (SEM-I)





 II. Now write sentences as shown.

 1. Tom has a tricycle.

 2.

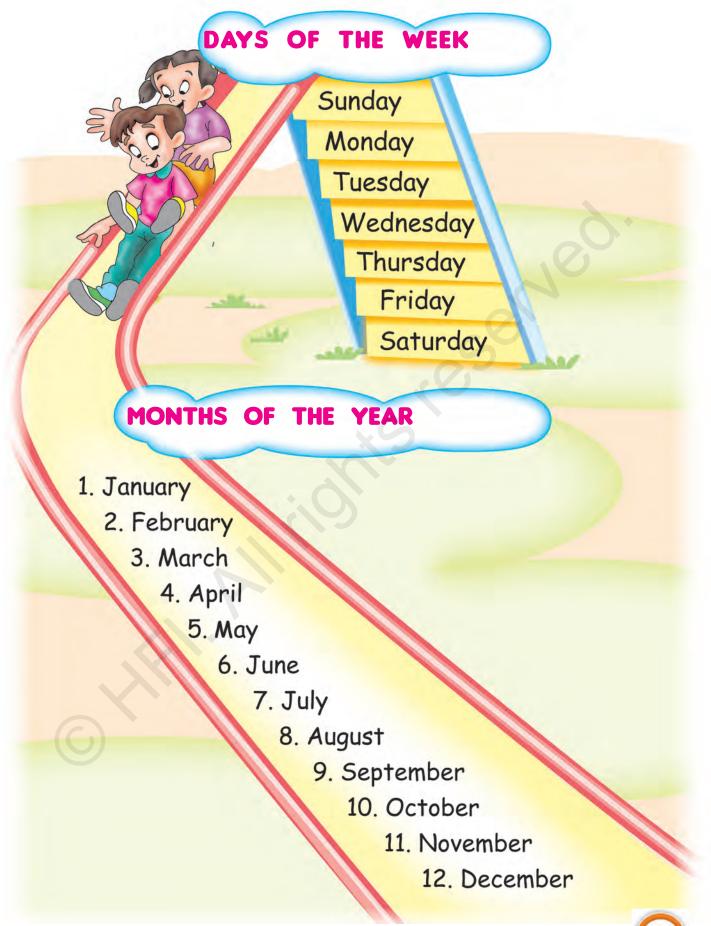
 3.

 4.

5. \_\_\_\_\_



AIO-1 (SEM-I)



- The names of persons, cities, countries, days and months begin with a Capital letter.
- > Write here the names of any four **persons**.

Neeta,

> Write here the names of any four **cities**.

Delhi,

> Write here the names of any four **countries**.

India,

> Write here the names of the days of the week.

sunday,

> Write here the names of the months of the year.

January,







# **ONE AND MORE THAN ONE**

#### ☆ Learn these numbers :

. Numbers - singular and

. This / That / Plural

These / Those



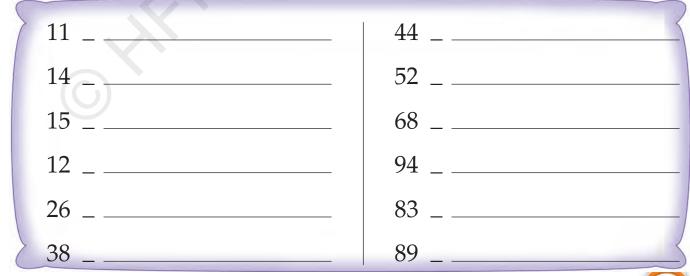


# Test Yourself

I. Write the words as numbers.

eight	fifty-six
forty	fourteen
twelve	forty-five
fifteen	thirty-two _
seventy	twenty-six
eighteen	twenty-one

#### II. Write the numbers as words.



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AIO-1 (SEM-I)

≻ In grammar —

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One is Singular.

More than one is Plural.

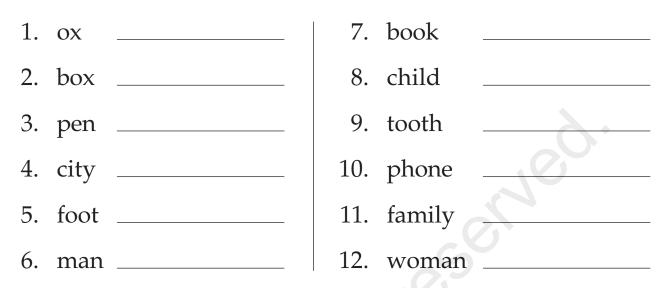
 $\succ$  Most naming words take **-s** in the plural.

pen	pens	tree	trees	
bag	bags	wall	walls	singular
ball	balls	book	books	
hen	hens	table	tables	
> Some	words ta	ke <b>-es</b> in <sup>-</sup>	the plural.	
bus	buses	brush	brushes	
box	boxes	bench	benches	
class	classes	watch	watches	A MARK TANK
potato	potatoes	tomato	tomatoes	
> Some	words ad	ld <b>-ies</b> in	place of <b>-y</b>	44//11/11/17/1 <b>3</b> /// 11/2
fly	flies	copy	copies	Colore a star
city	cities	body	bodies	
lady	ladies	baby	babies	
> Some	words ch	ange their	form.	
OX	oxen	mouse	mice	CUR
foot	feet	tooth	teeth	a LILL
man	men	child	children	AIO-1 (SEM
				SER

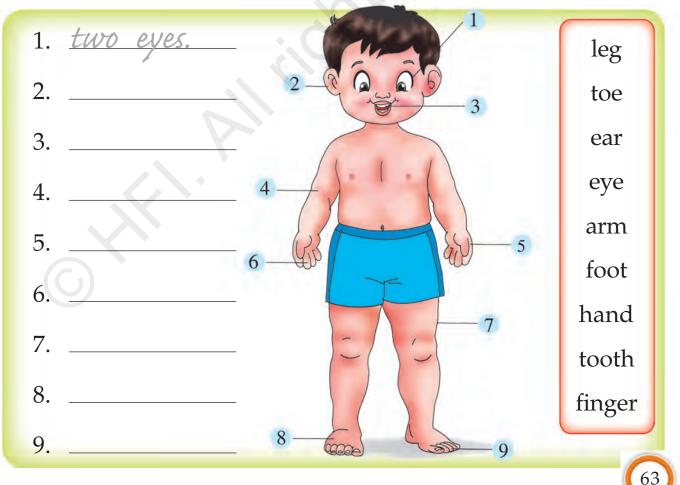
4-I)



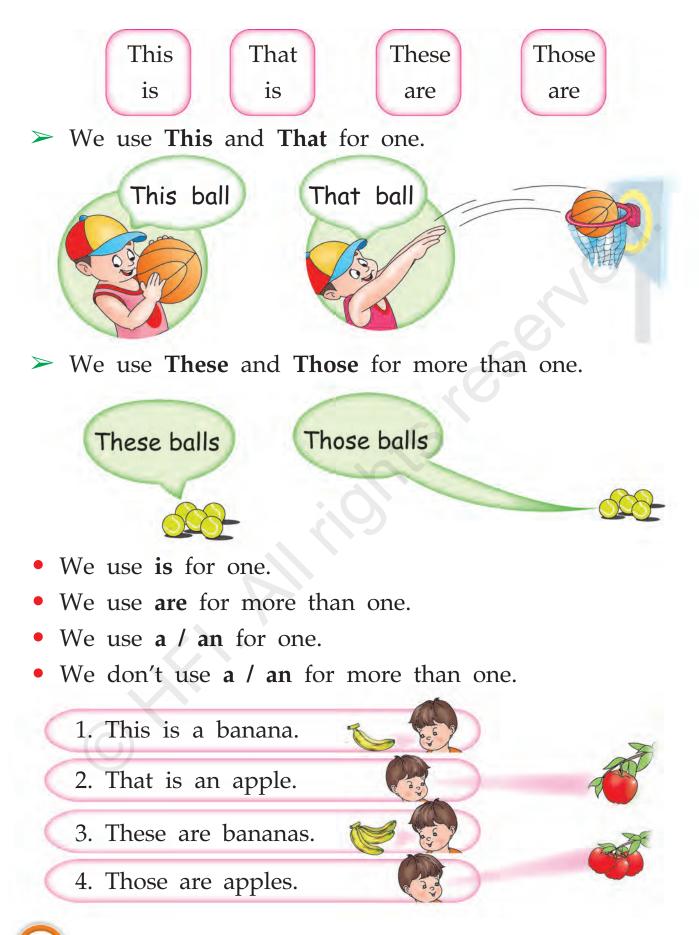
I. Write the plurals of the following.

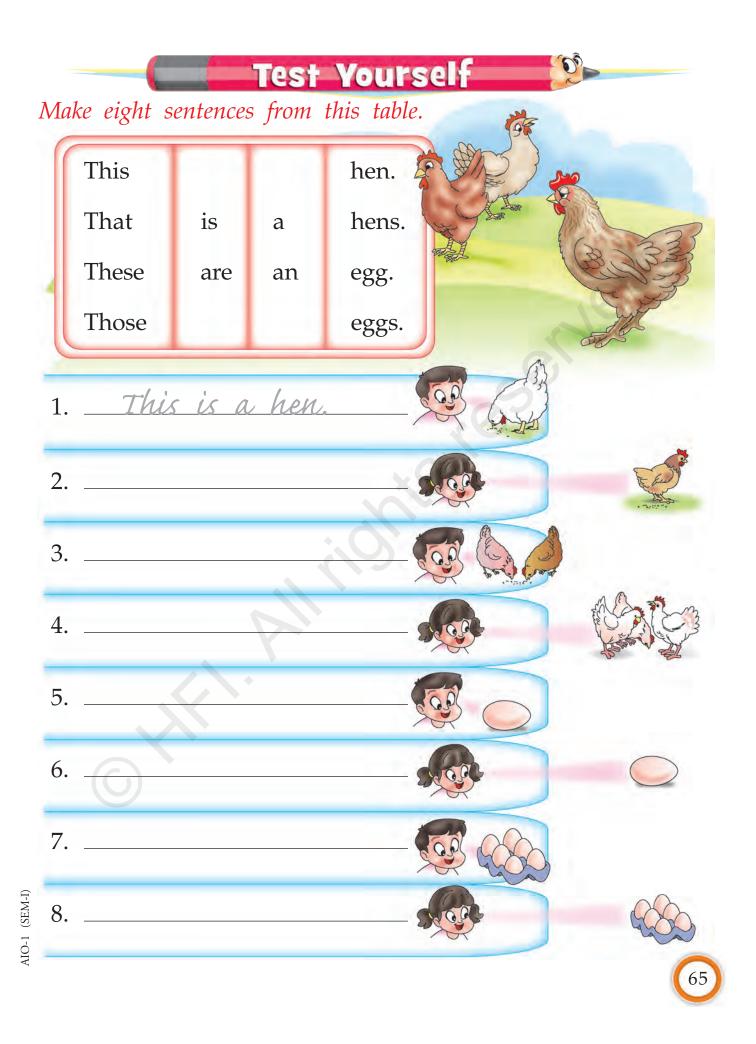


#### II. Name these parts of the body. How many of each do you have?



AIO-1 (SEM-I)





# **HE-WORDS AND SHE-WORDS**



0

Masculine and

. The use of I / We /

You 1 He 1 she 1 They . The Use of is 1 am 1 are

Feminine . Words in place of Naming Words

> Boy is a he-word. Bull is a he-word.



Girl is a she-word. Cow is a she-word.

Learn the following he-words and she-words.

He-words	She-words	He-words	She-words
boy	girl 🚽	husband	wife
man	woman	bull	cow
father	mother	cock	hen
son	daughter 👔	🔊 king	queen
brother	sister	lion	lioness
uncle	aunt	tiger	tigress
grandpa	grandma	actor	actress
prince	princess	fox	vixen

# Test Yourself Supply the missing He-word or She-word. 1. a girl and a \_\_\_\_\_\_\_. 2. a bull and a \_\_\_\_\_\_\_. 3. a hen and a \_\_\_\_\_\_\_. 3. a hen and a \_\_\_\_\_\_\_. 4. a man and a \_\_\_\_\_\_\_. 5. a king and a \_\_\_\_\_\_\_. 6. an actor and an \_\_\_\_\_\_. 7. the lion and the \_\_\_\_\_\_. 8. my aunt and my \_\_\_\_\_\_. 9. the wife and the \_\_\_\_\_\_. 10. my sister and my \_\_\_\_\_\_. 11. the tigress and the \_\_\_\_\_\_. 12. my brother and my \_\_\_\_\_\_.

- 13. my <u>mother</u> and my \_\_\_\_\_\_.
- 14. the <u>husband</u> and the \_\_\_\_\_
- 15. my <u>daughter</u> and my \_\_\_\_\_

In grammar — He-words are Masculine.
She-words are Feminine.
We use He and She for one.
We use They for more than one.
We use They for both Masculine and Feminine.
1. He is a boy.
3. They are boys.

2. She is a girl. 4. They are girls.

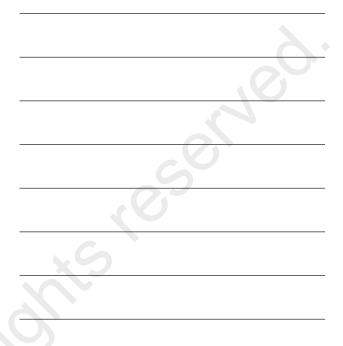
# Test Yourself 🦻

- I. Rewrite changing the he-words to she-words.
  - 1. He is a son.
  - 2. He is a man.
  - 3. He is a king.
  - 4. He is a boy.
  - 5. He is a prince.
  - 6. He is my uncle.
  - 7. He is my father.
  - 8. He is my brother.
  - 9. He is a policeman.

#### II. Rewrite in the plural form.

- 1. He is a doctor.
- 2. She is a nurse.
- 3. He is a singer.
- 4. She is a dancer.
- 5. He is a clerk.
- 6. She is a teacher.
- 7. He is a tailor.
- 8. She is an actor.

she is a daughter.



They are doctors.



Look at the pictures. Give the naming word for each blank.



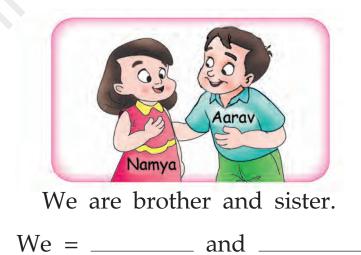
I am Aarav.

I = <u>Aarav</u>

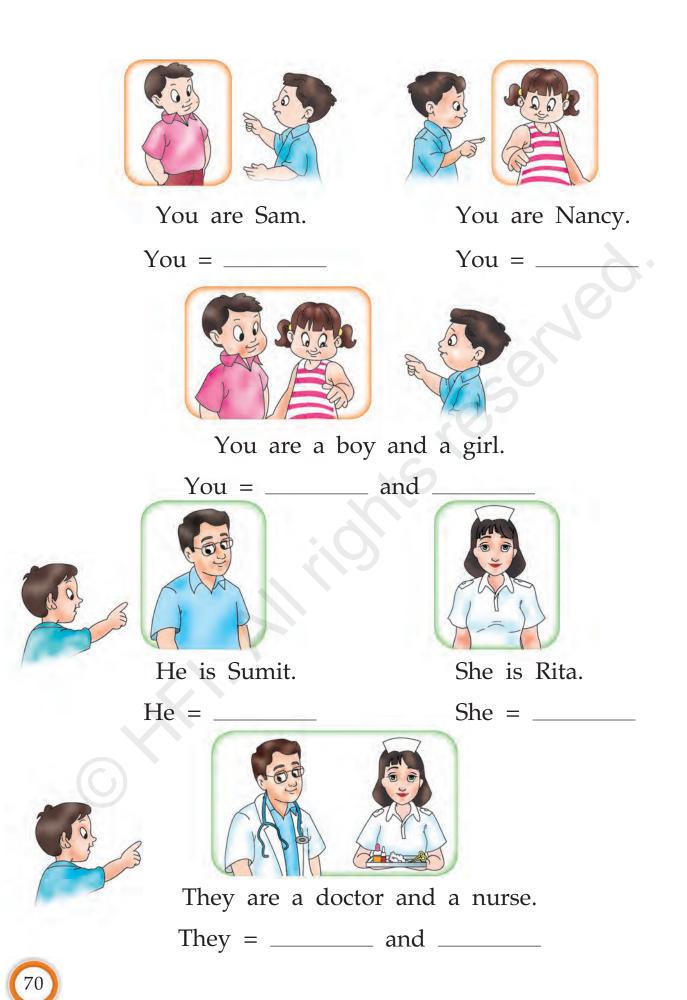


I am Namya.

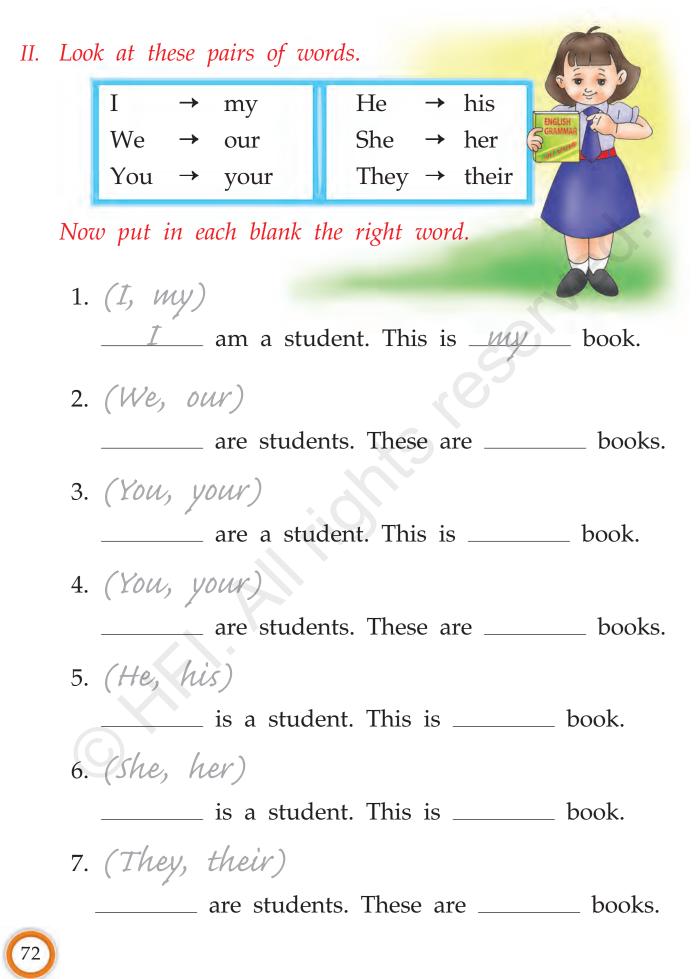
I = \_\_\_\_\_











#### CLASS-1 + SEMESTER-I

4		ALL
	Comparison	80
2.	Shapes	90
3.	Numbers	100
4.	Addition Up to 10	121
5.	Subtraction Up to 10	139
6.	Numbers 20 to 50	155
7.	Patterns	175
1		

# somperison

By the end of this chapter, you will be able to understand

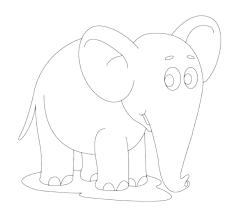
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AIO-1 (SEM-I)

- inside and outside
- top and bottom
- on and under
- above and below
- near and far
- big and small



We already know what *bigger* and *smaller* are. (1) Colour the *bigger* elephant.







In the game of hide-and-seek it is Cat's turn to go and find her friends. Let us help her.

#### Inside and Outside

Bunny Rabbit is hiding *inside* a house.



Cat saw him hiding and jumped inside the house.



Cat is now inside the house and Bunny is *outside* the house.

#### Teacher tip

Help the students understand the words *inside* and *outside* by giving them examples from their everyday lives. For example, ask them to keep the pencil inside the pencil box or not to go outside the classroom.

AIO-1 (SEM-





Circle who or what is outside. One has been done as an example.



# TOP AND BOTTOM

Cat again looks for her friends. Cuckoo Bird sits at the *top* of the tree and Squirrel hides at the *bottom*.



Colour the one that is at the bottom. One has been done as an example.

Teacher tip

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Ask the students to name a few things in the classroom that are on the *top* and at the *bottom*.

AIO-1 (SEM-)

(0)

# ON AND UNDER, ABOVE AND BELOW

Look! Monkey tries to hide on the tree's branch. The lazy Zebra knows he cannot hide. So he relaxes under the tree and looks at the clouds above.

> On: placed over something, touching it Above: placed over something, not touching it Below: placed lower than something Under: placed lower than something, and covered by it

Teacher tip

Help the students understand the difference between *on* and *above* by giving them examples such as 'The book is on the table' and 'The fan is above the table'.





Look at this picture. Fill in the blanks with the correct words.



The dog is \_\_\_\_\_ (on/under) the table. The shirt is \_\_\_\_\_ (on/under) the table. The fan is \_\_\_\_\_ (above/below) the woman. The table is \_\_\_\_\_ (above/below) the fan.



Cat walks ahead. She is happy to find Panda. He is *near* her. She can also see Dino and Fox. The clever Fox is *far* from Cat.



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# **BIG AND SMALL**

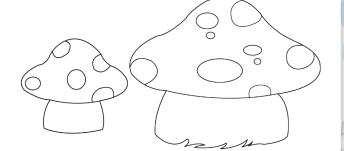
Cat started looking for Hippo and Butterfly.

Hippo is so **big** that Cat found her in the pond. The last one to be found is the *small* Butterfly.

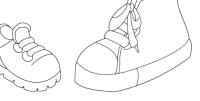


Colour the bigger object in green and the smaller object in orange.





AIO-1 (SEM-





#### MY THINGS )

Write what is

on	your dining table:
(1)	Bowl
(2)	
( <b>2</b> )	

(3) .....





# Take Care: You Are on the Stairs



#### **Steps:**

- (1) Make a few students sit on the stairs.
- (2) The rest of the class should stand where it can clearly see the students sitting on the stairs.
- (3) Ask the students who are standing to say who is above, below, near, far, on the top and at the bottom.
- (4) The students who answer correctly get to sit on the stairs next, and the game continues.

#### Weblink:

http://www.math4childrenplus.com/free/worksheetsnew/grade1/spatial-sense/



Shapes shapes every where Here there everywhere Tia makes us all aware What are shapes and Shapes are where

> By the end of this chapter, you will be able to understand

- the shape of a triangle
- the shape of a square
- the shape of a rectangle
- the shape of a circle
- rolling and sliding
- straight lines and curved lines

Let us enter Tia's world of shapes

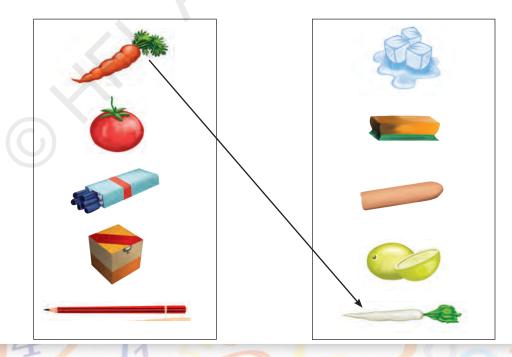
# SHAPES IN MY HOME

Let us identify the different shapes in the kitchen.





Look at the pictures below. Match the things that have similar shapes. One has been done as an example.





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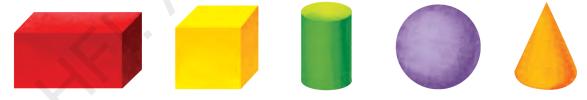
## SHAPES IN MY CLASSROOM

This is Tia's classroom.

Look around for different shapes in the classroom.



(1) Use the colour code and colour the objects in the picture of the classroom above.



(2) Help Tia arrange her textbooks by putting the textbooks of same size in one box.

AIO-1 (SEM-

Rolling And Sliding

Up a hill, up a hill Tia lives up a hill. Down the hill, down the hill Peter lives down the hill.

One afternoon, Tia was going home from school. She saw Peter sitting on the hill. Peter was praying to God.

Dear God Every child, short or tall Everyday plays with a ball Bless me too, give me a ball I too can, play with all Tia thought of sharing her ball with him. She ran up the hill and made her ball *roll* down the hill. Peter picked the ball and thanked God. He was thrilled to play with the ball. Another afternoon, she again saw Peter on her

way home from school. Peter was praying to God.

Dear God

Every child, far or near Gets a birthday gift from every dear Bless me with a book this year I too can read and cheer

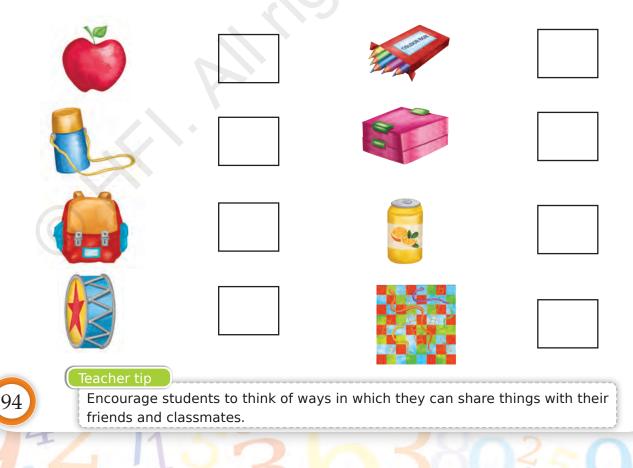
Tia ran up the hill to her house and made her favourite storybook *slide* down the hill. Peter was delighted to have the book and thanked God.

Read out the story in the class.

**Rolling:** moving by turning over and over **Sliding:** moving smoothly along a surface



Tia wishes to share few more things with Peter. Write R for the things that will roll, S for the things that will slide and RS for things that will both roll and slide.



AIO-1 (SEM-

#### Straight And Curved Lines

Tia found a pack of pencils and a ribbon in her drawer. She used them to write her name.



She then writes the name of her sister Sia.

A are made up of straight lines.

The letters T, I and

The letters I and A are made up of straight lines. The letters S is made up of a curved line.



Write your name, and find out which letters in your name are made up of straight lines, which are made of curved lines and which are made of both.



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#### **Plane Shapes**

Shapes are fun Triangle, rectangle, square And circle is the sun

Four are corners and sides also four Two are short and two long Oh! Rectangle is the shape of my door

Three are corners and sides also three A slice of my pizza is a triangle And triangle is the shape of Christmas tree

Four are corners and four sides are the same Square is the shape of a carom board And it is my favourite game

It has no corner and no side Circle is the shape of my chapatti That I like to bite

Triangle, rectangle, circle and square Wherever I go I find shapes everywhere









eacher tip Make the students sing the rhyme in the class and learn about shapes in a fun way. **Rectangle:** It has 4 sides and 4 corners. Its opposite sides are equal. **Triangle:** It has 3 sides and 3 corners.

Square: It has 4 sides and 4 corners. All of its sides are equal. Circle: It has no sides and no corners.



Look around the classroom and your house for things that have different shapes. Compare the shapes of these things with those of your classmates.



How many triangles can make this shape?



Discuss with your parents what shape is talked about in the given rhyme.



#### गोल -गोल

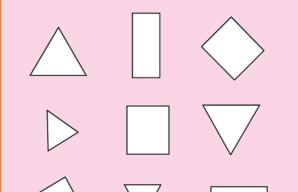
ऊपर चन्दा गोल गोल नीचे धरती गोल गोल मम्मी की रोटी गोल गोल

> पापा का पैसा गोल गोल हम भी गोल तुम भी गोल सारी दुनिया गोलम गोल



#### FIND THE PAIR

Below are two sets of shape cards. In the first set, colour the shapes of same size in the same colour. In the second set, colour the same shapes in the same colour.



**SHAPE CARD 1** 

**SHAPE CARD 2** 





Look at the picture below. Draw different shapes to decorate the border of the card as shown. Write the message Save Trees.

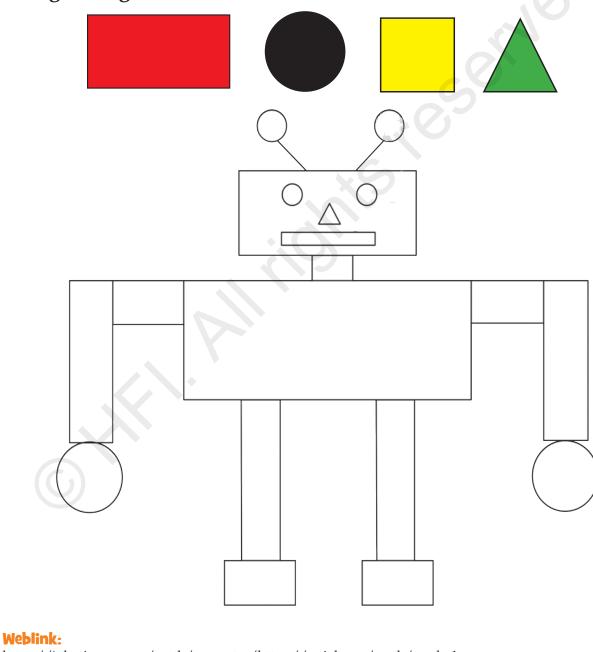




#### **CRAFT TIME**

AIO-1 (SEM-I)

Tia created this robot using cutouts of different shapes. Colour the rectangles in red, the circles in black, the squares in yellow and the triangles in green.



https://jr.brainpop.com/math/geometry/https://ca.ixl.com/math/grade-1

#### I Can Count

- 1. One Boat
- 2. Two Dogs
- 3. Three Huts
- 4. Four Flowers
- 5. Five Squirrels
- 6. Six Rabbits
- 7. Seven Ducks
- 8. Eight Butterflies
- 9. Nine Trees
- 10. Ten Birds

By the end of this chapter, you will be able to understand

- numbers 1 to 20
- number names
- before, after and between
- counting forward and counting backward
- tens and ones
- comparing numbers
- ordering numbers
- ordinal numbers





We can count objects till 10.

Count how many  $\stackrel{\textcircled{\bullet}}{\overset{\bullet}{\overset{\bullet}}}$  and  $\stackrel{\textcircled{\bullet}{\overset{\bullet}{\overset{\bullet}}}}$  are there in the picture below. Write the numbers in the blanks.



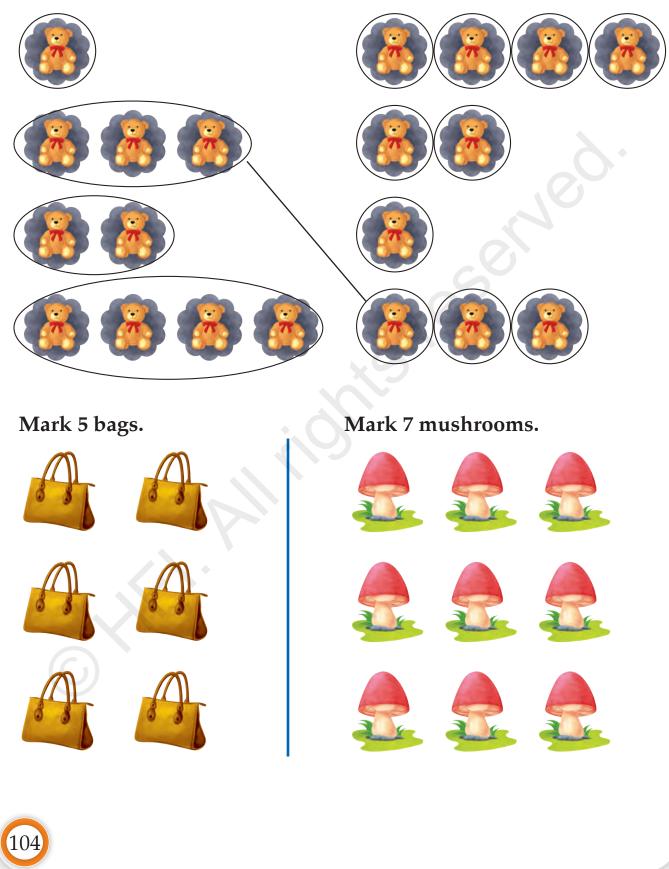
## Number Names

Colour and write the number name. One has been done as an example.

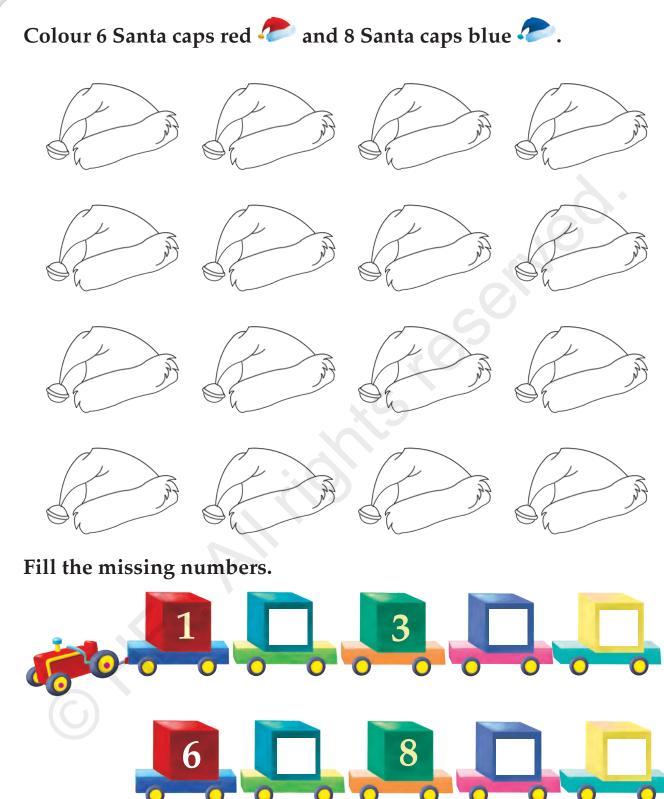


AIO-1 (SEM





AIO-1 (SEM-I



Encourage the students to count numbers in things around them, for example wheels of an auto and legs of an elephant.

#### Zero

*Five* little ducks went out one day Over the hills and far away Mother duck said, 'Quack, quack, quack' But only four little ducks came back.



*Four* little ducks went out one day Over the hills and far away Mother duck said, 'Quack, quack, quack' But only three little ducks came back.

*Three* little ducks went out one day Over the hills and far away Mother duck said, 'Quack, quack, quack' But only two little ducks came back.



*Two* little ducks went out one day Over the hills and far away Mother duck said, 'Quack, quack, quack' But only one little duck came back.

*One* little duck went out one day Over the hills and far away Mother duck said, 'Quack, quack, quack' But none of the five little ducks came back.

> Sad mother duck went out one day Over the hills and far away Mother duck said, 'Quack! quack! quack!' And all of the five little ducks came back.



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Use your fingers for the numbers and your fist for zero.



AIO-1 (SEM-I)

#### Hi! I am Zero.

I mean nothing.

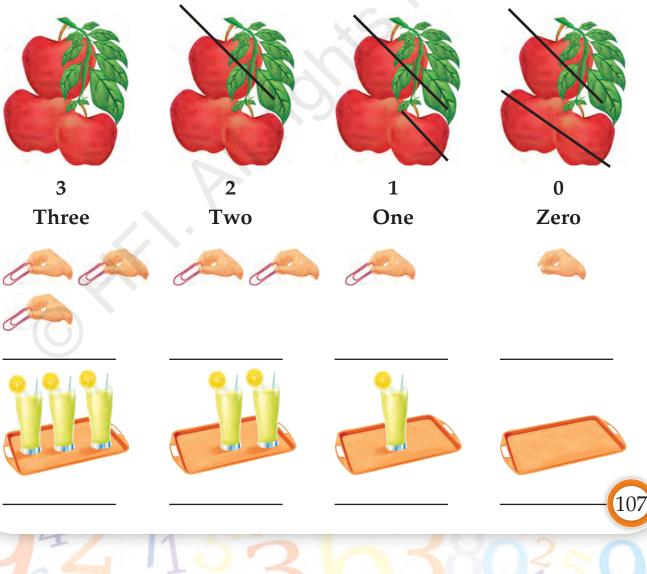
When I am written to the left of a number such as 01, the number remains the same. 5, 4, 3, 2, 1, 0

Here I come

When I am written to its right, I make the number bigger 10.



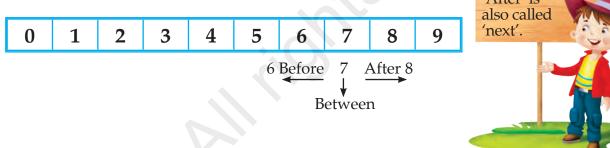
Write the number and number name underneath each picture. One has been done as an example.



## Before, After and Between



We can use a number strip to find numbers before and after a number and between two numbers.



Start writing numbers from the left and move to the right. The numbers on the left come before the numbers on the right. The numbers on the right come after the numbers on the left.

The numbers in the middle of two numbers are between those two numbers.

Complete the pairs of number by writing the numbers that comes before or after. One has been done as an example.



Write the number which comes between the two numbers given. One has been done as an example.



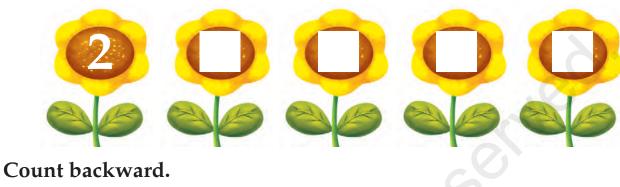
## COUNT FORWARD AND BACKWARD

AIO-1 (SEM-I)

When we count and write the next number, we are counting *forward*, for example 6, 7, 8 and so on.

When we count and write the number before, we are counting *backward*, for example 7, 6, 5 and so on.

Count forward.

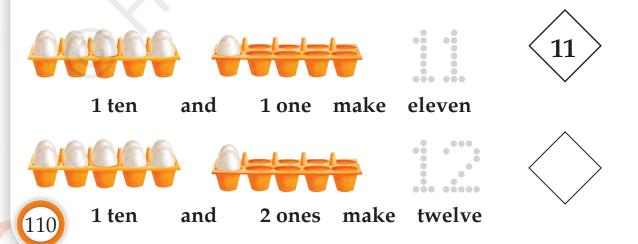


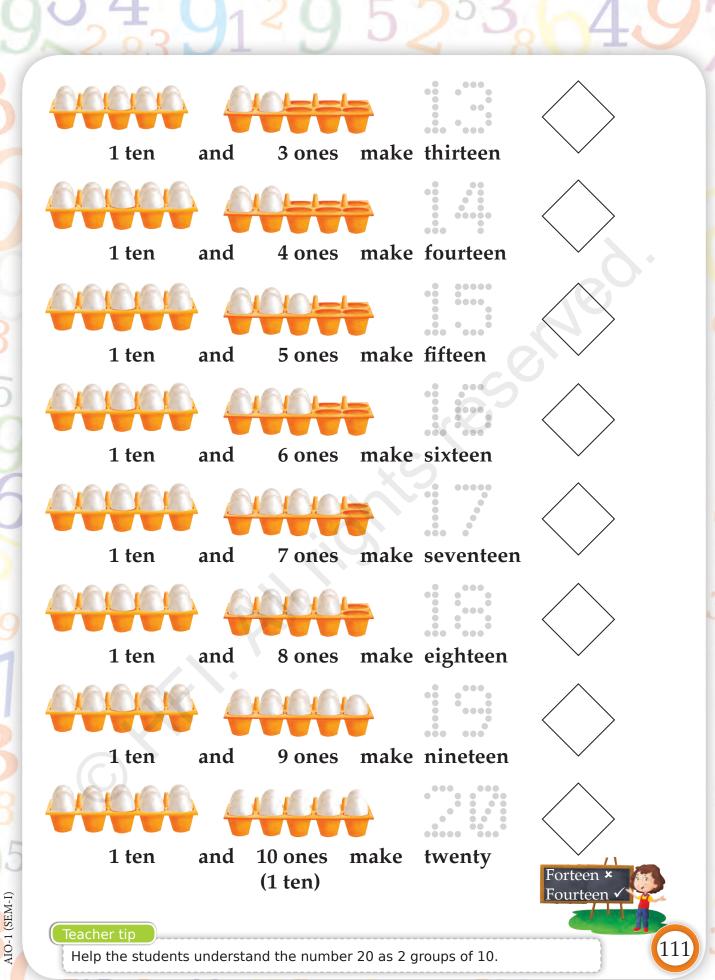
## TENS AND ONES

To help count big numbers, we group numbers in tens and ones.

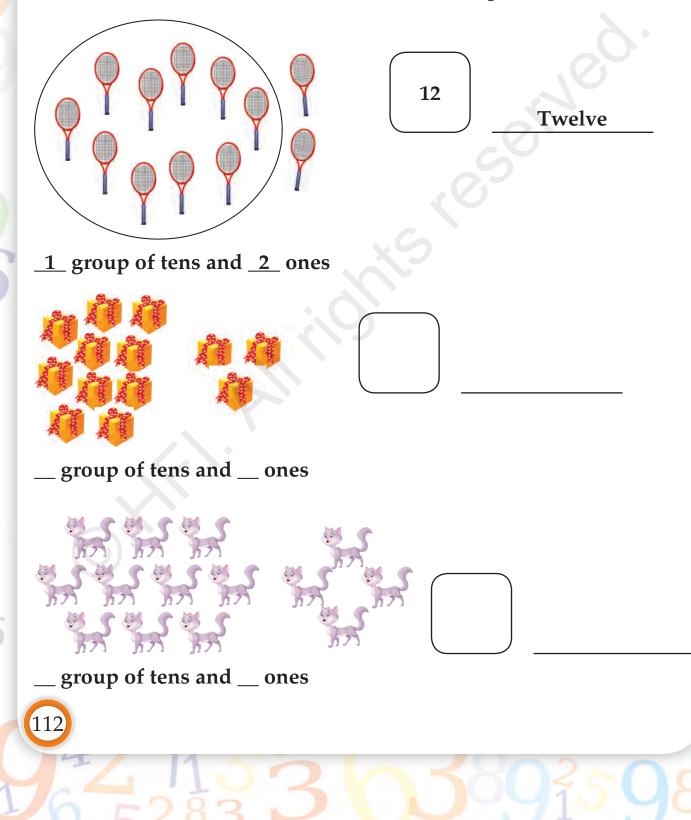


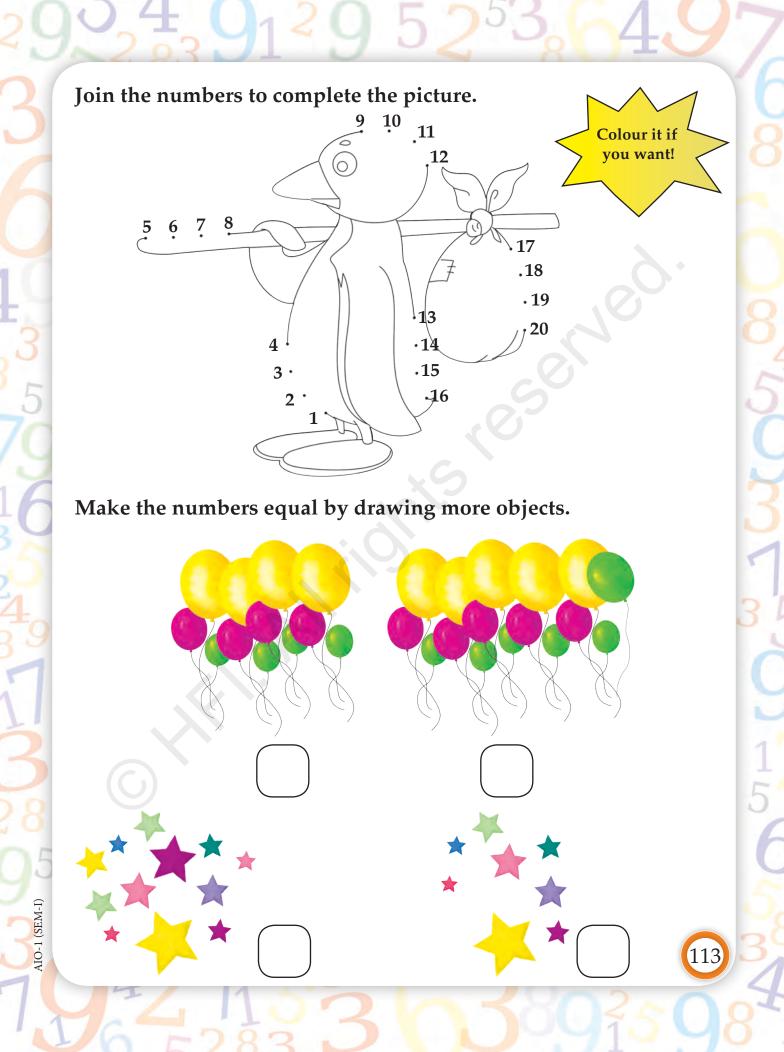
Anni goes to buy two trays of eggs with his mother. He wants to count the eggs. He can count 10 eggs on his own. Help him count the eggs.





Count by making groups of tens and ones. Write the numbers and number names. One has been done as an example.





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**Bigger is also called** Comparing Numbers greater or more. Smaller is also called less. We can say, 4 is less than 6. 4 < 6We use < to compare. Always open the hands of the < symbol towards the bigger number. We can use a number strip to compare numbers. 20 4 5 9 10 11 12 13 14 15 16 18 19 8 17 The number which is farther from zero is the bigger number. 17 is bigger than 3.

Using the number strip, circle the smaller number. One has been done as an example.



We can compare more than two numbers. For example, to find the smallest number from 14, 8 and 6, we will compare two numbers at a time and find the smaller number between them.

<u>14, (8)</u>

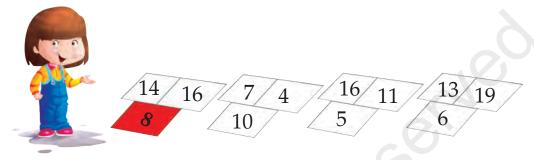
Then we will compare the smaller number with the remaining number.

8, 6

6 is the smallest number. This can be done with two and more numbers.

AIO-1 (SEM-

Help Rimi jump on the smallest number by colouring it red. One has been done as an example.



## ORDERING NUMBER\$

Colour the greatest number in orange. One has been done as an example.



We can arrange more than two numbers in increasing or decreasing order.

8, 4 and 12 in the increasing order: 4, 8, 12 In the decreasing order: 12, 8, 4

AIO-1 (SEM-I)

Increasing: arranged from smallest to biggest Decreasing: arranged from biggest to smallest



Rewrite the numbers below in decreasing order from top to bottom. One has been done as an example.

1, 18, 5 6, 2, 12



Rewrite the numbers in increasing order from bottom to top. One has been done as an example.

3, 14, 7

1, 19, 10

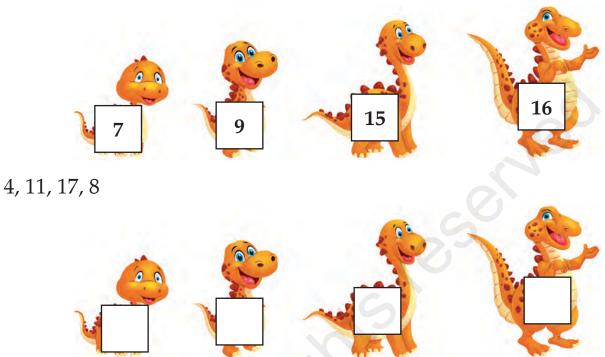
14, 17, 11

AIO-1 (SEM-)

11, 9, 19



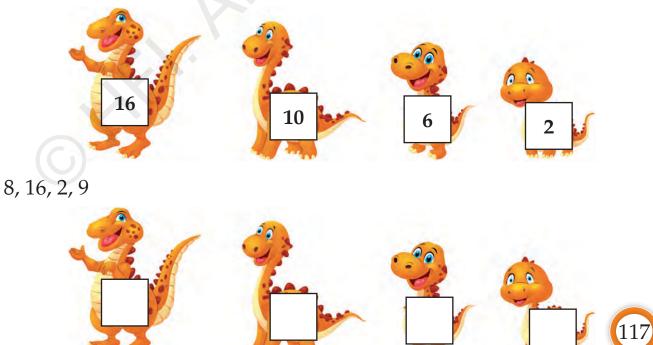
16, 7, 9, 15



Rewrite the numbers in decreasing order. One has been done as an example.

10, 6, 16, 2

AIO-1 (SEM-I)



#### Ordinal Numbers

A number that tells us the position of something in a list is an *ordinal number*, for example *first*, *second* and *third*. They are also written as 1st, 2nd and 3rd.





Hi. I am Zorro.

I am going to take part in a competition. There are 10 rounds in the competition. Let's have a look at the rounds.

First



Sixth

Second

**Seventh** 



Fourth



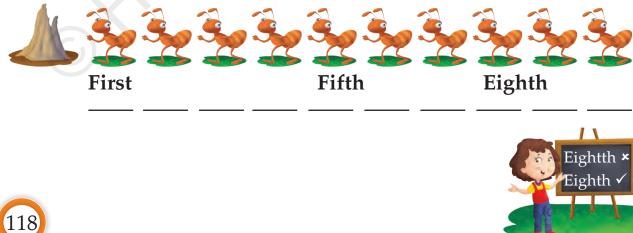








The ants are going in a queue to get their food. Write the missing ordinal numbers.





#### Duck in the Pond

Note to the teacher: You will need much space for this game.

#### Steps:

- (1) Divide the children into two groups.
- (2) The first group will make the pond (round) and the second group will be ducks.
- (3) Ask the first group to choose a number (secretly) and then stand in the circle with an arm's length gap between each person.
- (4) Ask the second group that they should run in and out of the pond (you can ask them to Quack!) and the first group to count in sequence starting from zero up to 20.
- (5) When the students of the first group get their chosen number, they should hold hands to close the gaps so that the ducks in the circle are caught.
- (6) The ducks that were caught become the part of the pond and the game starts again. The winner is the last child to get caught.



**Weblink:** http://www.kidslearningstation.com/preschool/teach-numbers.asp https://jr.brainpop.com/math/numbersense/





#### **Rapid Train**

#### Steps:

- (1) Assign numbers 1 to 20 to all the students.
- (2) Call out numbers as before, after and between, for example before 7, after 9 and between 16 and 18.
- (3) Ask the student who has the assigned number, as answer of step (2). And call out the number. For example before 7 is 6, so the student who has been assigned 6 number will call out the answer.
- (4) Keep the pace fast yet understandable by every student.



#### eacher tip

The sitting arrangement should be such that you know which number has been assigned to which student.

# Environmental Studies

#### CLASS-1 🔶 SEMESTER-I

Ι.	Myself	182
2.	My Body	187
3.	Healthy Habits	193
4.	My Family	201
5.	My School	207
6.	Food	213
7.	Clothes We Wear	222
8.	Houses We Live In	229
9.	Air We Breathe	238
10.	Water	246
ί. Π.	Weather and Seasons	254
·		*

Hi all! I am an octopus. My name is Octa. What is your name?

Octa wants to know your name. He says everybody has a name.











0

Everybody has a name.

Some are different, some, the same.

Some are short, some are long.

All are right, none are wrong.

My name is \_\_\_\_\_

and it's special to me because it tells who I am!



Paste your picture here.

#### **Describing Myself**

I am a	(girl/
boy).	
I study in class	
I am	years old.
I was born on the _	
day of the	
month in the year $\_$	

Creative Corner
I started going to school on: Day (write the number not the week/day) Month Year

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#### My Favourite Things

00

 $\circ^{\circ}$ 

A person or a thing that we like the most is called our favourite. Octa's favourite activity is playing in the morning. What is your favourite activity?

Can you circle your favourite things shown in the pictures on the next

00

ဝွ





- Everybody has a name. Some are different and some are the same.
- A person or a thing that we like the most is called our favourite.

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- (1) Fill in the blanks.
  - (a) My birthday is on \_\_\_\_\_
  - (b) I like to eat \_\_\_\_\_
  - (c) I like to wear \_\_\_\_\_
- (2) Write T for True and F for False sentences.

- (a) We write our name, address and telephone number on our clothes.
- (b) We should wear an identity card to school. \_\_\_\_\_
- (c) We like to go to school and play games. \_\_\_\_\_



Paste stickers given at the back of the book of your favourite dress/dresses in the space given.



Write three favourite things in your notebook that your brother or sister likes to do.



## Living Beautifully

- (1) You love your parents. But how do you behave with them when they say 'no' to your favourite ice cream? Discuss in the class.
- (2) Name a thing such as a toy, a book or a dress that you like to share with your brother/sister.



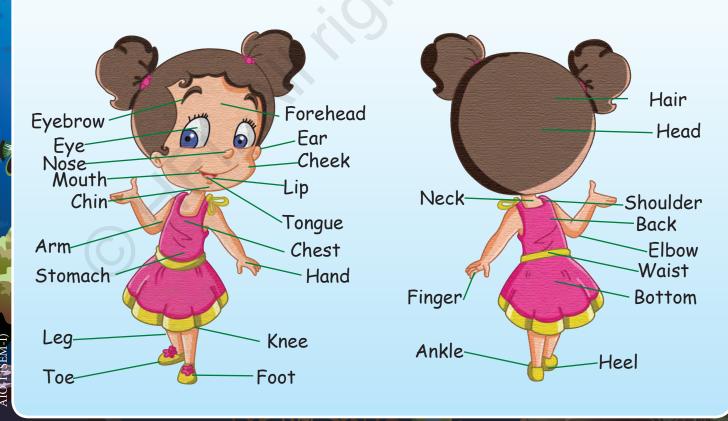
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## I Can

- I can colour the given picture.
- I have a puppy. His name is Zoro.
- I love to play with him.
- I take him o \_\_\_\_ t for a walk.
- I love to b \_\_\_\_ t \_\_\_\_ e him.

out, bathe

Octa is looking at Emma. He wants to identify her body parts. Can you help him?



Our body is made up of many parts.

Our face has many parts. Name the parts of your face. You can take help from the words given in the box below. Tongue Forehead Eye Nose Mouth Hair Ear

00

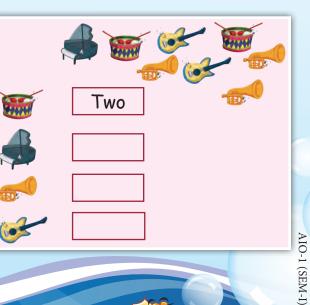
We smell and breathe with our nose. We see with our eyes. We hear with our ears. We taste with our tongue. We feel with our skin. The body parts that we use to see, hear, smell, taste and feel are called sense organs.

**Breathing:** to take air in and out

Some musical instruments are given in the picture. Each musical instrument has a different sound. Can you count the number of each instrument and spell it in the box provided? One has been done for you.

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Octa Challenges



# Functions of the Body Parts

Our body parts help us to do many things.

Our legs help us to stand, walk and run.

Our hands help us to write, draw and hold things.

Our tongue and mouth help us to eat, taste and speak.

Our neck helps us to turn our head.

 $\bigcirc$ 

Brush Up

(SEM-I)

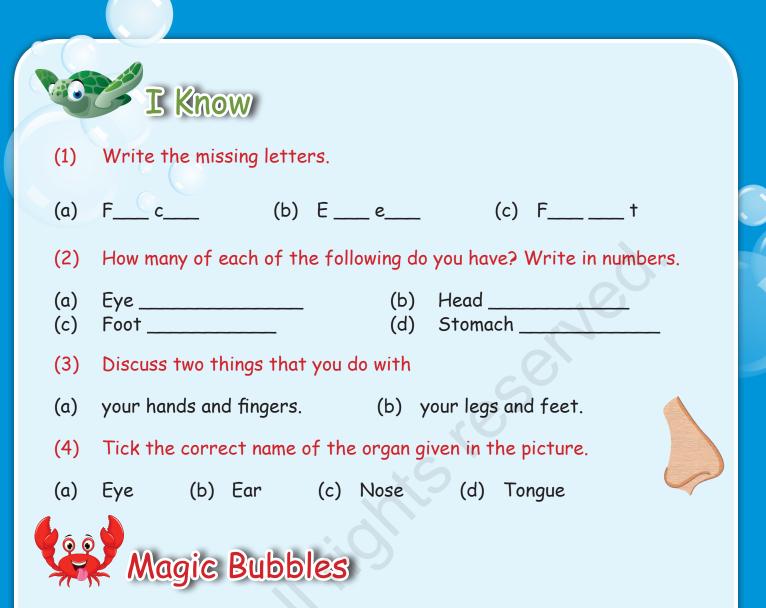




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We can also swim, climb, skip, sing, dance and do many other things with the help of our body parts.

- Our body is made up of many parts.
- The body parts that we use to see, hear, smell, taste and feel are called sense organs.
- Our body parts help us to do many things.



Find the stickers of body parts from the sticker sheet given in your book. Paste the stickers on a drawing sheet to show a complete body.

Dive Deep

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Make a list of your family members and write down the colour of their eyes. Do all members have the same eye colour?



•

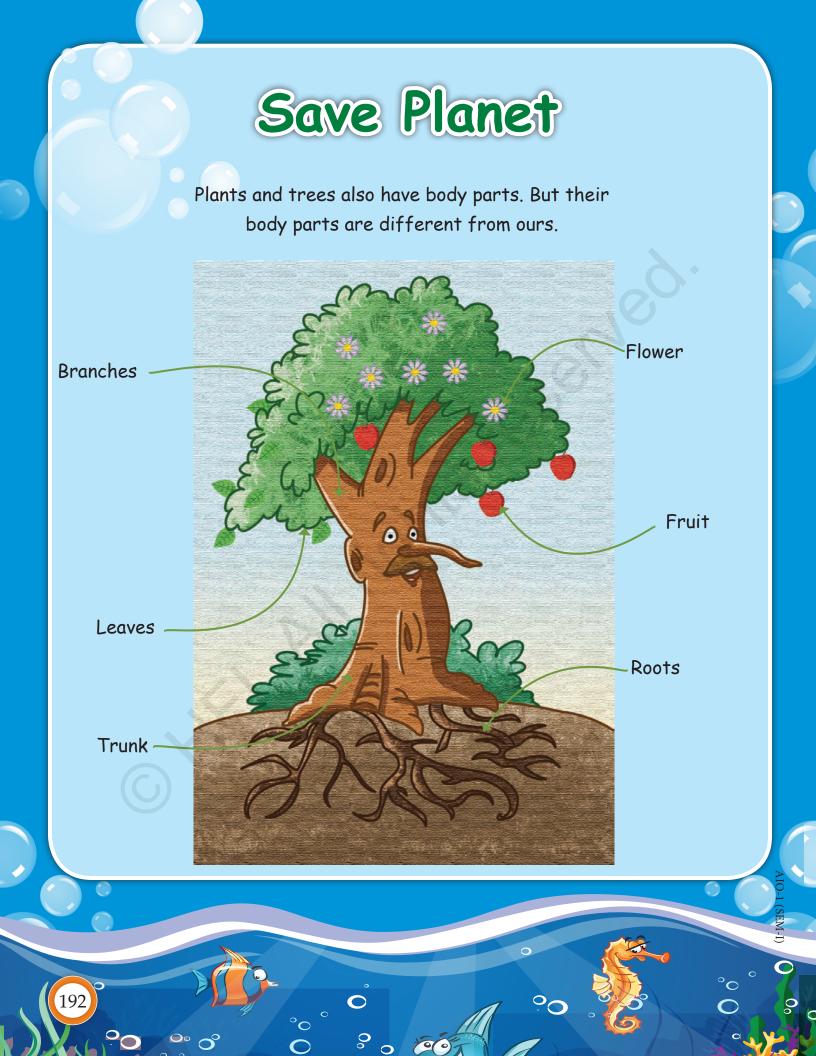


Below are some pictures, showing emotions. Match the emotions with the pictures.



I have a pet dog. I can colour its picture and identify its body parts.





Octa says children having healthy habits are loved by all. Do you agree with Octa? Emma and Eva agree with him. Let us see what healthy In the school habits they follow.

They start with a healthy breakfast after brushing their teeth and taking a bath. the playground

In

At home

In the school they play indoor and outdoor games and eat healthy meal/ snacks during the break.

Habits

In the evening they walk to the nearby park/playground and play outdoor games.

To remain fit and healthy, we should eat healthy food and keep ourselves neat and clean.

Healthy Habits to Follow

We should practise some rules on a regular basis to stay healthy.

## EAT GOOD FOOD

We should eat healthy food and drink clean water. Eating fresh fruits, vegetables, eggs, fish and pulses is good for us. Drinking milk and lots of water keeps us fit. We should chew our food properly.

#### EXERCISE REGULARLY

We should exercise daily. It keeps our body fit and mind fresh. Playing outdoor games is a good exercise.

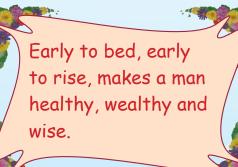


Do you play games every day? Name two games you like to play.

### TAKE PROPER REST AND SLEEP

Our body needs proper rest. We must take at least 8-hour sleep daily.

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NO-1 (SEM-I)

**Regular:** repeating at equal time intervals

## BE CLEAN AND TIDY

We should always brush our teeth in the morning and at night before going to sleep. We should take bath every day. We should wash our hands before and after every meal.



There are some more good habits that we should follow to stay fit and healthy.

- (1) Trim your nails regularly.
- Comb your hair properly. (2)
- (3) Use dustbin to throw garbage.

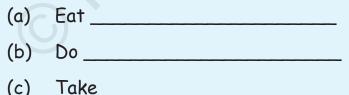




- We should practise four rules on a regular basis to stay healthy.
- We should eat healthy food and drink clean water.
- We should exercise regularly.
- We should take at least 8-hour sleep daily.



Write the rules for staying healthy. (1)



(c)

(2) Fill in the blanks from the words given in the box.

exercise good bath wash

- (a) We should take \_\_\_\_\_ every day.
- (b) We should \_\_\_\_\_our hands before and after every meal.
- (c) Drinking water is \_\_\_\_\_ for us.
- (d) Playing outdoor games is a good \_\_\_\_\_



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Write numbers 1 - 3 to arrange Picture 1. Write numbers 1 - 4 to arrange Picture 2.







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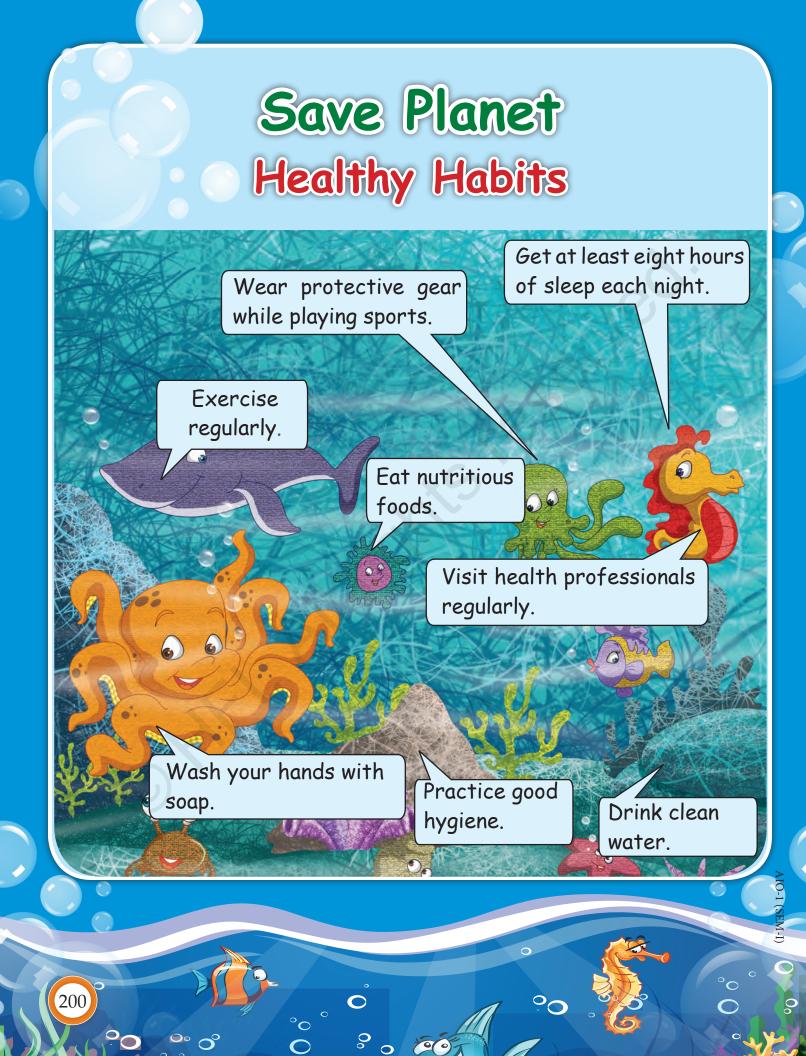
2

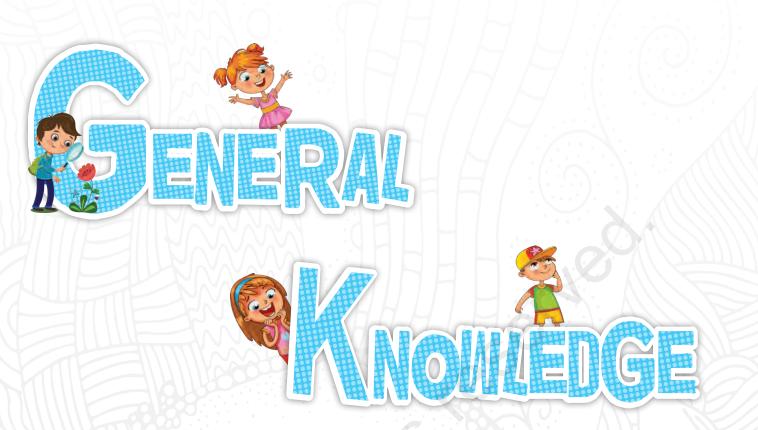
The table below shows a few day-to-day activities. Tick the activities you do each day of the week. You can take help of your parents or teachers.

Days	Waking up Early	Exercise	Teeth Brushing	Playing	Studying	Nail Trimming
Sunday						
Monday				C	$\mathcal{O}$	
Tuesday				3		
Wednesday			N.			
Thursday			9			
Friday	7					
Saturday	<u></u> .					

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" I.	My Family	264
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Write the relation near each picture with the help of given clues.









Identify the pictures of things you find in your home and write their names. Take help from the clues given in the box.

Gas stove Chair	Washbasin Shower	Wardrobe Table	Sofa Pillow	Bed Bucket	Dustbin Mug
1.	2.		6		
5.	6	7		8	
					265



Identify the pictures and write their names. Take help from the clues given in the box.



