7 Time Goes On.....

0325CH07

Ulta Pulta Time — This is a story with topsy turvy time.



As the sun sets _____ Sumana wakes up. What a lovely evening! _____ She washes her face fast in 2 hours _____ and runs out. She goes straight to the bird's nest. She has been watching the eggs for the last few months _____. She was waiting for the baby birds to come out. But before she can blink her eyes, in a week _____ a cat jumps on to the tree. The mother bird cries loudly and Sumana rushes to shoo away the cat. As the cat jumps, it hits the big green mango. **Dhum!** ...

Dhum!

... In two days _____ it is on the ground ! Oh, how sad! The mango is still not fully ripe. It needed one more year _____ to become sweet. Suddenly Sumana's sister calls out — Are you still not hungry? Has your stomach clock gone to sleep? Come and eat hot upma for dinner _____.

Wasn't that funny? You must have guessed that the coloured words are wrong. Choose the correct word from the box given below and write it next to the wrong word.

days	rises	seconds	morning
breakfast	moment	minutes	week

How Long does it Take?

Have you seen someone knitting a sweater? Or someone weaving a cloth? Do try to find out from a potter how long it takes to make a pot. Also tell us if you take hours or minutes to have your bath! (Is it years since you last had a bath? Ha, ha!)



Think of many different things that can take different times. Make your table as long as you can.

Takes minutes	*Takes hours*	*Takes days*
a bath	to stitch a shirt	to knit a sweater
to boil milk	to set curd	to weave a sari
	a school day	for a banana to become ripe



Think of some other things, some faster and some slower. Make a long list.

Takes seconds

to blink my eyes to snap my fingers to gulp my medicine



for fruit to fall from a tree

Takes months
to grow wheat (from seed to big plant)
to change from summer to winter
for a baby to come out of its mother's stomach







Clap! Clap! — Before you Catch

Play this game



Throw a stone into the air. Clap once before you catch it.

Now try to clap 2 times before the catch.

Try more claps. How many times can you clap before you catch the stone?

Ta Thai — Different Claps

Clap 2 times and say 1 2

Keep clapping 1 2, 1 2, 1 2, ...

or say *Ta Thai, Ta Thai, Ta Thai,* .....

Also stamp your feet Left Right, Left Right, Left Right,.....

Now clap with three beats 1 2 3, 1 2 3, 1 2 3, ...

Say: *Ta Thai Tut, Ta Thai Tut, Ta Thai Tut,* .....

Can you stamp your feet Left Right Left, Left Right Left, ...

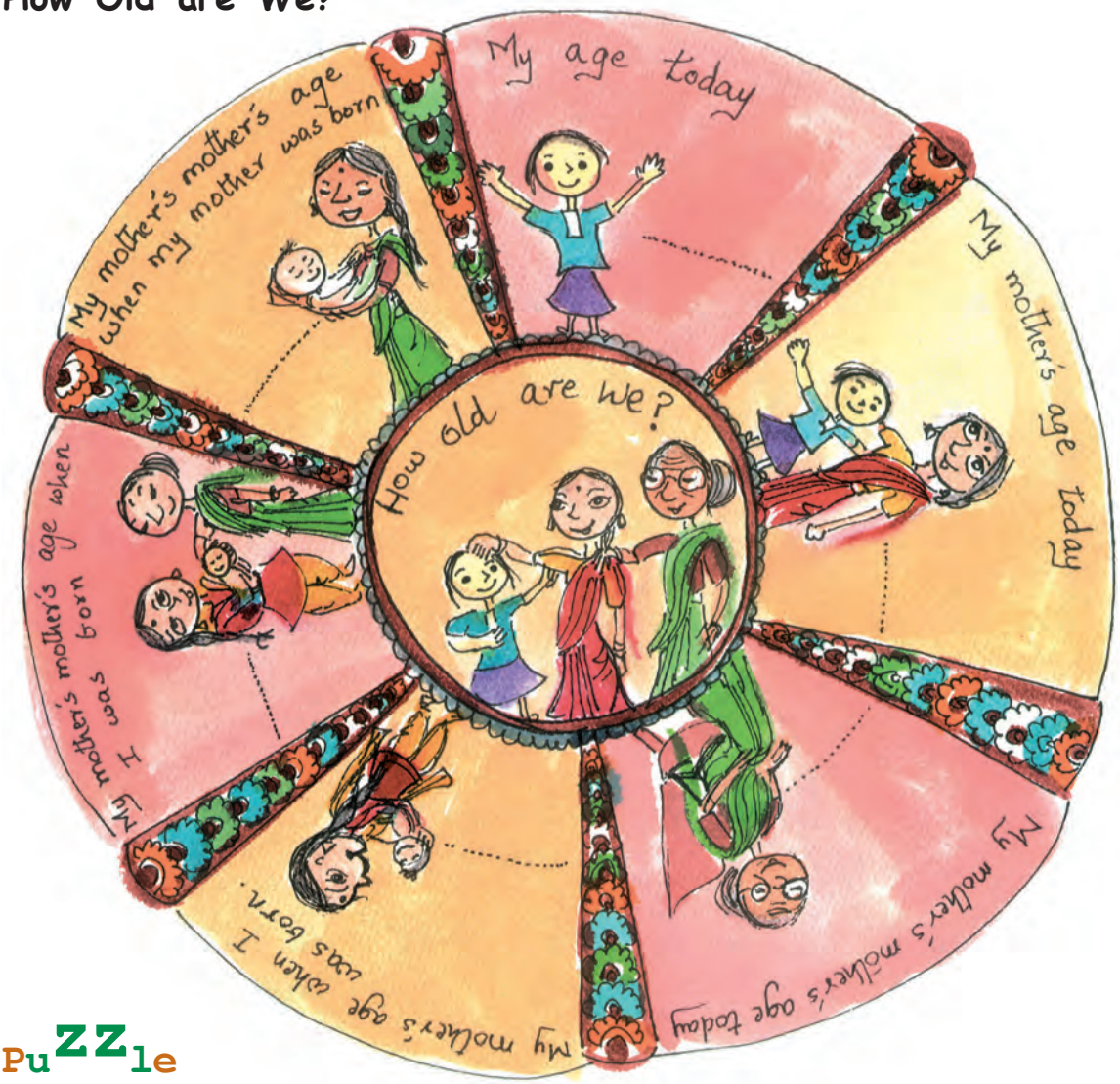
How many of you can speak and stamp at the same time?



Find Out

Have you heard people playing a *tabla* or the drums? Find out a few different beats they play. Also ask what 'bols' they say for the beats they play.

How Old are We?

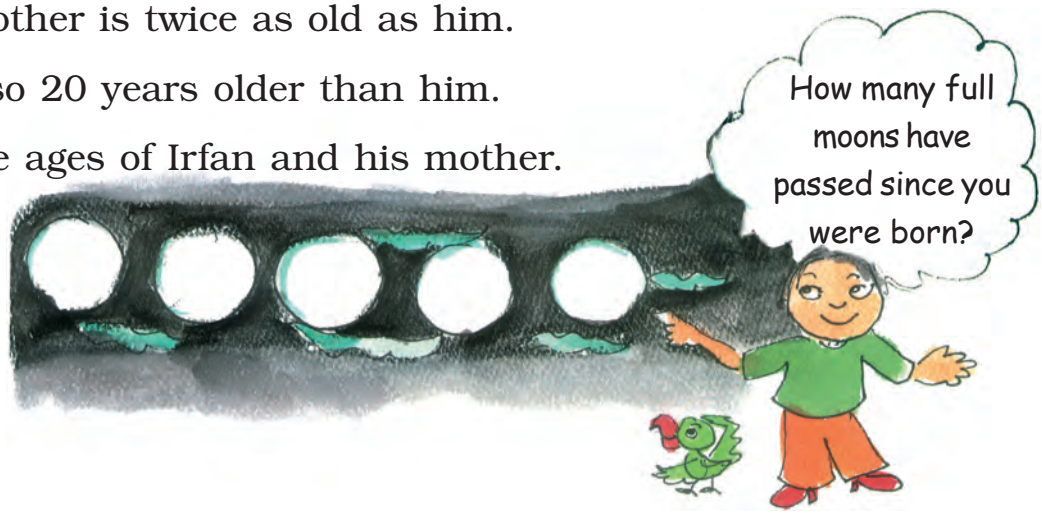


Puzzle

Irfan's mother is twice as old as him.

She is also 20 years older than him.

Guess the ages of Irfan and his mother.



Birth Certificate

Look at the birth certificate of Bincy.

Form Number 5

Government of Kerala

Birth Certificate

This is to certify that this information is taken from the original record of birth which is in the register for the year 2002 of Kottayam Panchayat.

Name	Biney Thomas Jacob
Sex	Female
Date of birth:	02/05/2002 (Second May, Two Thousand Two)
Place of birth:	Kadampuzha Hospital
Name of Father:	Jacob Tharakan
Name of Mother:	Lara Thomas
Date of Registration:	02/05/2002
Registration Number	815/02

Date 05.08.2002 Signature of issuing authority



(1) 2/5/2002 shows that Bincy was born on 2 _____, in the year 2002.

(2) How old will Bincy be on 2 May 2008? _____

(3) How old will she be in the year 2052? _____

(4) On what date will she be eight years old? Write in numbers.

_____

(5) How many months old was Bincy on 2 August 2002? _____

(6) How many years old is Bincy now? _____

(7) After how many months of her birth was the certificate issued? _____

(8) What is the registration number of her certificate?_____

Find Out

When were you born? _____

Write your date of birth in numbers. _____

Do you have a birth certificate? Ask your parents and make one for yourself.

Form Number ____

Government of _____

Birth Certificate

This is to certify that this information is taken from the original record of birth which is in the register for the year _____ of _____

Name

Sex

Date of birth:

Place of birth:

Name of Father:

Name of Mother:

Date of Registration:

Registration Number

Date Signature of issuing authority



Calendar 2018

JANUARY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

MARCH

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

APRIL

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JUNE

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JULY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SEPTEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

OCTOBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

Calendar

Let us look at the calendar for the year 2018.

- How many months does a year have? _____
- List the months which have 30 days._____

  _____
- List the months which have 31 days._____

  _____
- How many days does the month of February have?

  _____
- How many days makes a week? _____
- How many weeks are there in July? _____ Is it true for all the months? _____
- In which month did you come to Class III?
- Make a circle on these dates in the calendar:

  26th January

  14th November

  31st December.



Is there something special about these dates?

Fill in the blanks with the correct year:

2017	2020	2019	2016	2021	2022

1. Which year was it two years back? _____
2. In which year were you in Class II? _____
3. Which year will be the next year? _____
4. Which year will come after 3 years? _____

This chapter encourages children to look at different cultural contexts in which the idea of elapsed time occurs in their lives. It is more important for them to be able to develop an intuitive estimate of seconds, minutes, months etc. than to actually measure. The chapter also helps them to understand the use of a clock and calendar through interesting exercises. Teachers could create more such exercises related to number patterns and symmetries.

Which Festival comes First?

Given below are some festivals we celebrate during the year. Look at the calendar (2018) to find the days on which these fall.

Name of the festival	*Date*	*Day*
Diwali	November 7	
Pongal	January 14	
Raksha Bandhan	August 26	
Gandhi Jayanti	October 2	
Milad-Ul-Nabi	November 21	
Onam	August 25	
Guru Nanak's Birthday	November 23	
Guru Ravidas's Birthday	January 31	
Christmas Day	December 25	
Bihu	April 15	

- Arrange the festivals in the order in which they come in the year.

1. _____ 6. _____

2. _____ 7. _____

3. _____ 8. _____

4. _____ 9. _____

5. _____ 10. _____

- Which festival comes in the beginning of the year?

_____

- Which festival comes at the end of the year?

_____

Calendar Magic

Here is the calendar for the month of February 2019.

Let us mark a square on the calendar and see some magic.

February 2019

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		



Which is the number in the centre of the square? _____

Join three numbers by drawing a line. The line must pass through the number at the centre.

How many such lines can you draw?

5	6	7
12	13	14
19	20	21

Add the three numbers on each of these lines.

What do you notice?



5 + 13 + 21 =

6 + 13 + 20 =

19 + 13 + 7 =

12 + 13 + 14 =

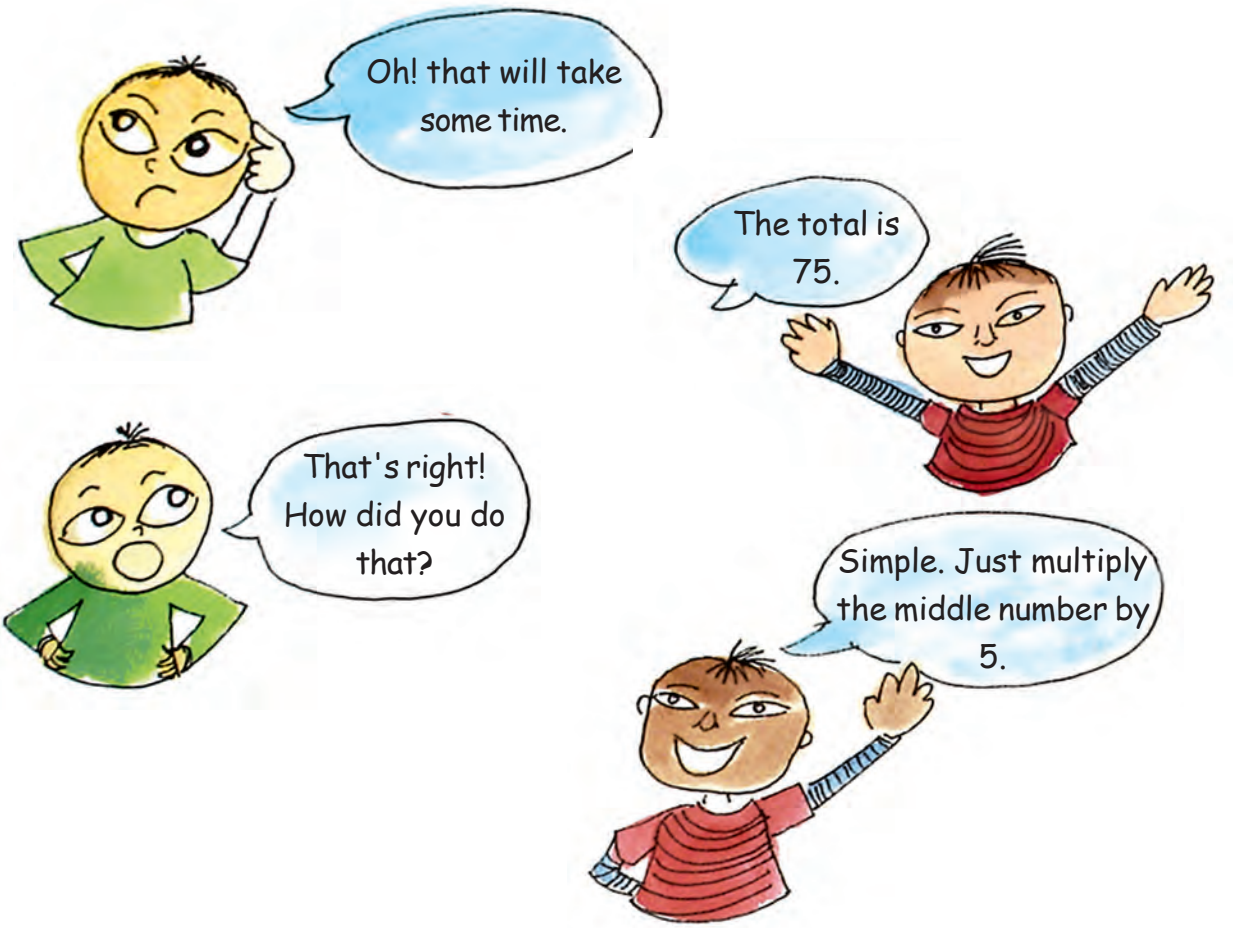
❊ Now look at the calendar of 2018. Also look for the present month and draw any similar square in your notebook. Does the magic work for these?

❊ Is this magic possible on a 10 × 10 number chart? Go to the chapter 'Fun with Numbers' and check.

More Magic!

March 2019

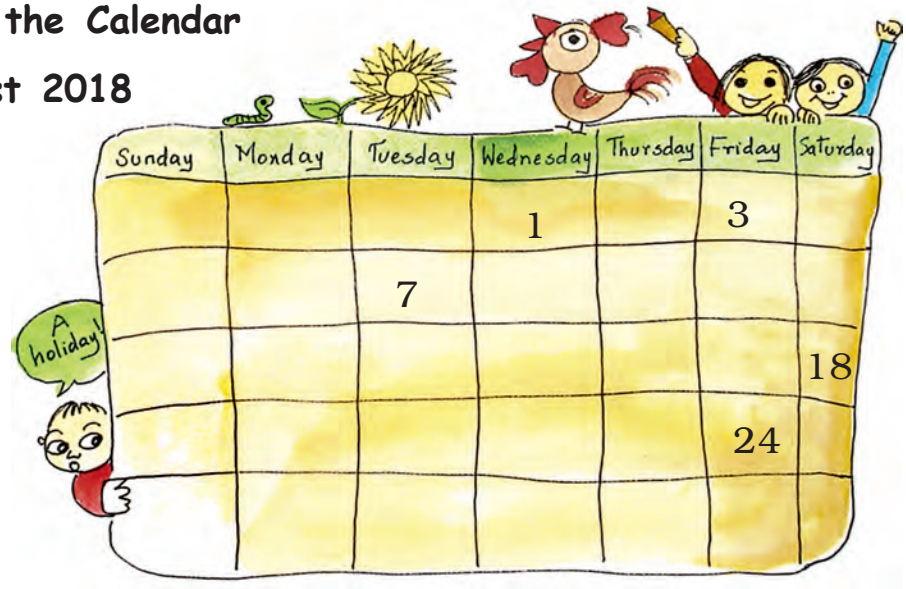
S	M	T	W	T	F	S
31					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



See if this magic works for other lines which have five numbers. What about five numbers on a slanting line? Try this trick with your family and friends.

Can you find other magic patterns in the calendar?

Complete the Calendar for August 2018



Colour all the Sundays in red.

On which day does this month end? _____

Write the number of days in this month. _____

What day is it on 13th August? _____

What is the date on the second Saturday? _____

Is the 21st a Sunday? _____

What is the day on the 29th? What will be the date on the same day next week? _____

How many Thursdays are there in this month? _____

Find Out!

Which months in the calendar (2018) have 5 Sundays?

Is there any other day in any month which comes 5 times?

Can there be 6 Sundays in a month? Why?

Ask such questions for the current month and also other months. Encourage students to discover more patterns through a calendar.

The True Story of Pedki Devi



My Time Line

My name is Pedki Devi. I live in a village in Dhanbad district (Jharkhand). I never got a chance to go to school. I remember that when I was 5 years old I broke my foot. I had climbed a tree to eat the jamun fruit. But the branch broke and I fell down. My foot still hurts in winter.

While grazing our goats we often got busy in playing. Once at the age of 10 years I got a big scolding — I had lost one goat! At the age of 15 years I was married. My husband was much older than me. My first daughter was born three years after my marriage. Later I had three more children when I was 20, 22 and 24 years old.

Time passed very fast then. I was busy with my farm, housework and looking after my animals. But at the age of 35 years my world came to a stop. My husband fell ill and died. His brothers tried to take away our farm. They beat me badly and said I was a witch! Some good people saved me. We fought a case against those who beat me up. At the age of 40 years I saw a police station for the first time. When I was 45 I learnt to read and write. 2 years later I got my eldest daughter married. Now I am 50 years old. I enjoy playing with my grandchild. Two of my children are studying in school.

Some things that happened in her life are given below. Mark these on her time line. For example, when she was 5 years old Pedki broke her foot. A is marked at 5 on the time line.

A. Broke her foot

B. Lost one goat

C. Got married

D. Had her fourth child

E. First saw a police station

F. Learnt to read and write

G. Eldest daughter got married

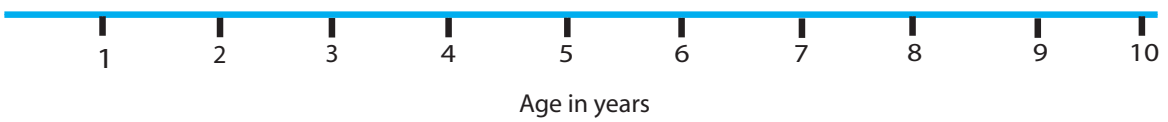




❊ Mark on the time line when she was born.

❊ In the blank box draw a picture of Pedki as a new born baby.

❊ Make your own time line. Ask people around you and mark at least one thing that happened in each year of your life.



❊ Make time lines of people you admire. These can be from among your family, friends, teachers, etc.

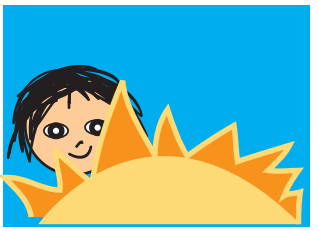
One Day in the Life of Kusum



Let's see what Kusum does every day.

Write down the time for each picture.

For some pictures the time is already written and you must draw the hands on the clock. In others you have to write the time shown by the clock.



Kusum gets up early in the morning.





She brings water from the well.

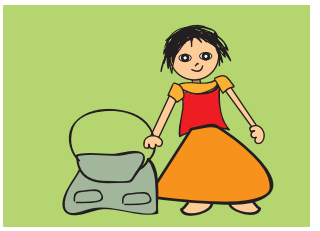


At six -thirty in the morning



She cleans her house.

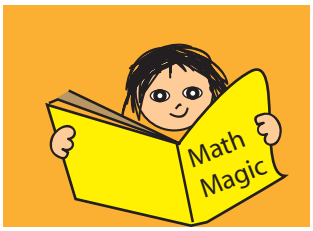




She goes to school.



At eight o'clock





She is studying in school.





1 o'clock in the afternoon

She comes back from school.





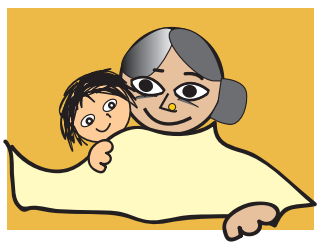
She takes lunch with her brother and grandmother.





Five-thirty in the evening

She plays with her friends.





9 o'clock at night

She listens to a story from her grandmother before she sleeps.

Now prepare a chart showing your own daily routine.

Time of the day		
In words	*On the clock*	*What do you do at this time?*
		
		
		
		
		
		
		