ENGLISH LANGUAGE

(Text Book Related Activities)

GRADE 10

UNIT 07

Learning is fun

Describing Graphs , Charts and Diagrams..

✓ **Competency 5**
Extract necessary information from various types of texts.
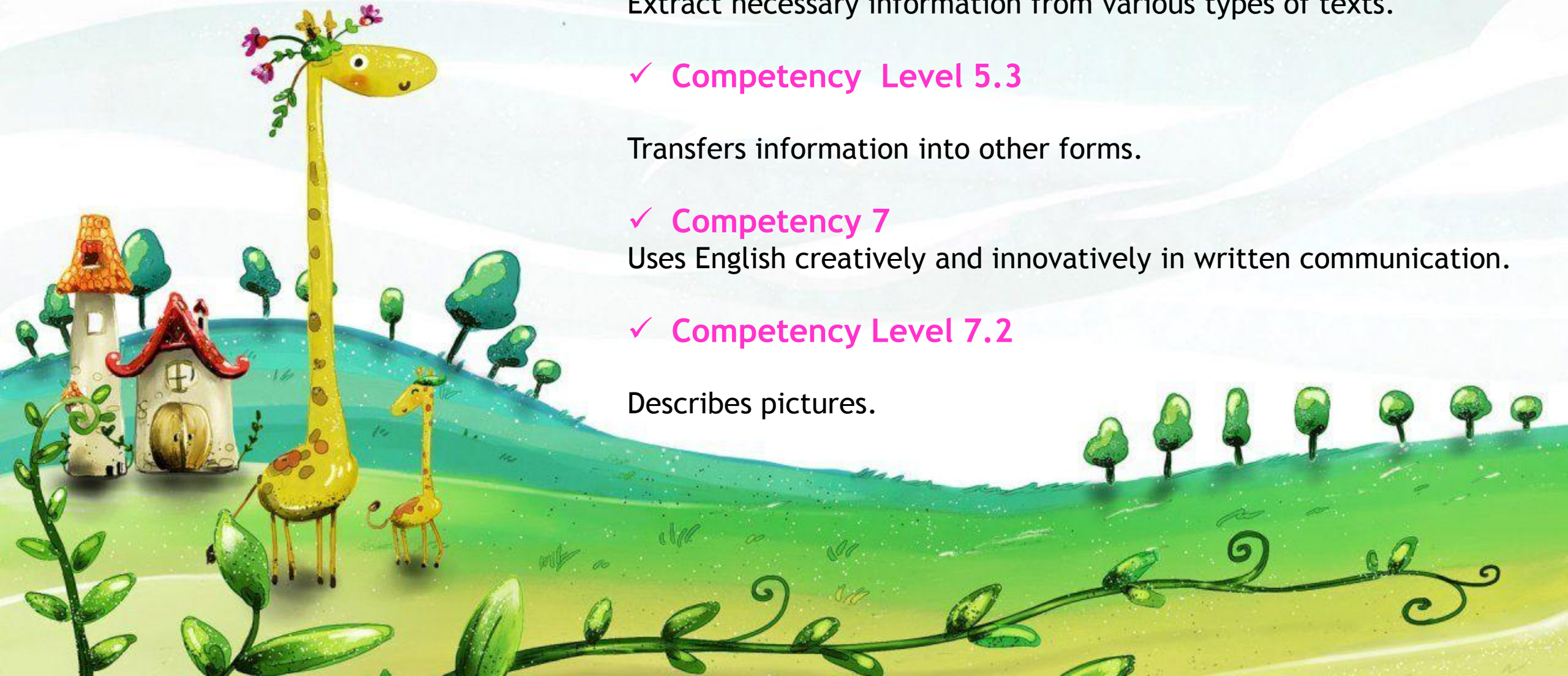
✓ **Competency Level 5.3**

Transfers information into other forms.
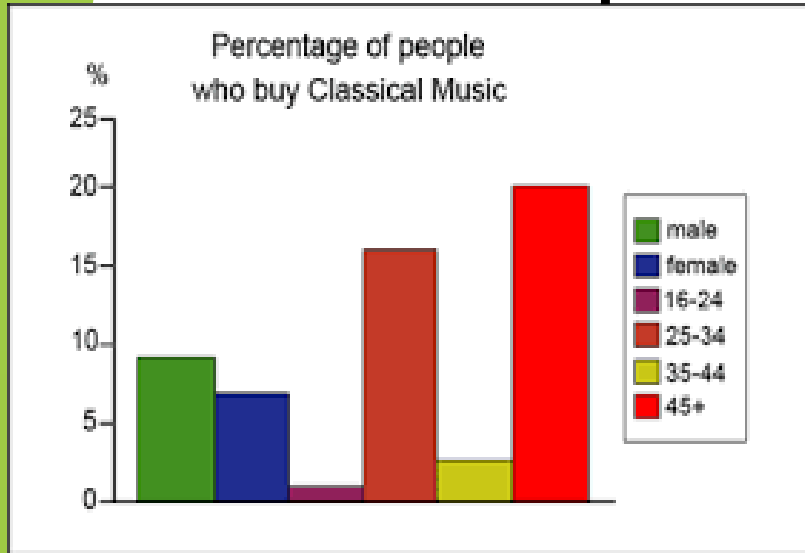
✓ **Competency 7**
Uses English creatively and innovatively in written communication.

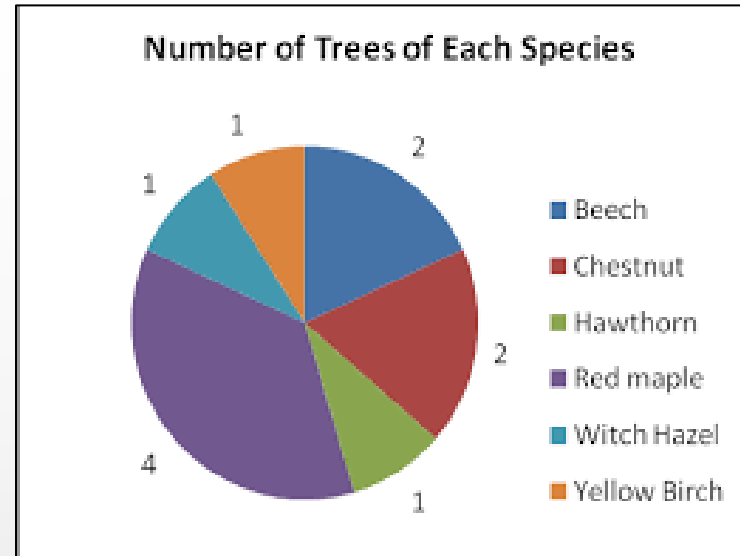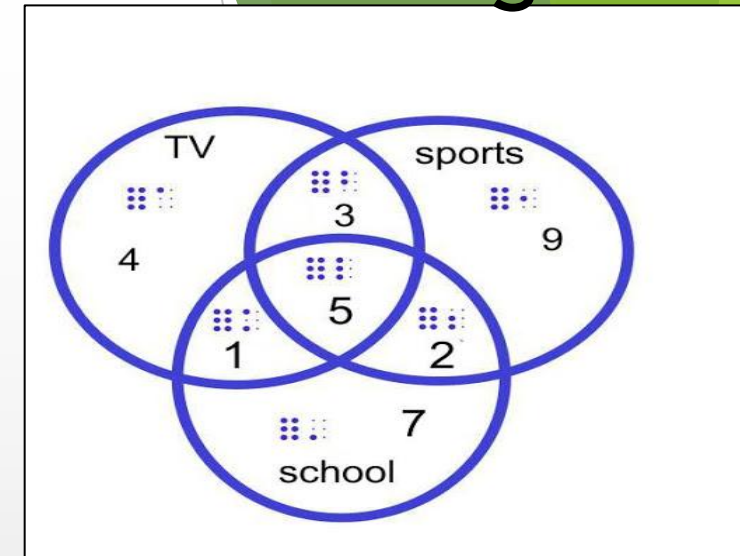✓ **Competency Level 7.2**

Describes pictures.

Bar Graph

Used to show relationship between different data series that are independent of each other.

Pie Chart

Designed to visualize how a whole is divided into various parts. Each segment of the pie is a particular category within the total data set.It represents a percentage distribution.

Venn Diagram

Used to show all possible logical relations between a finite collection of different sets.
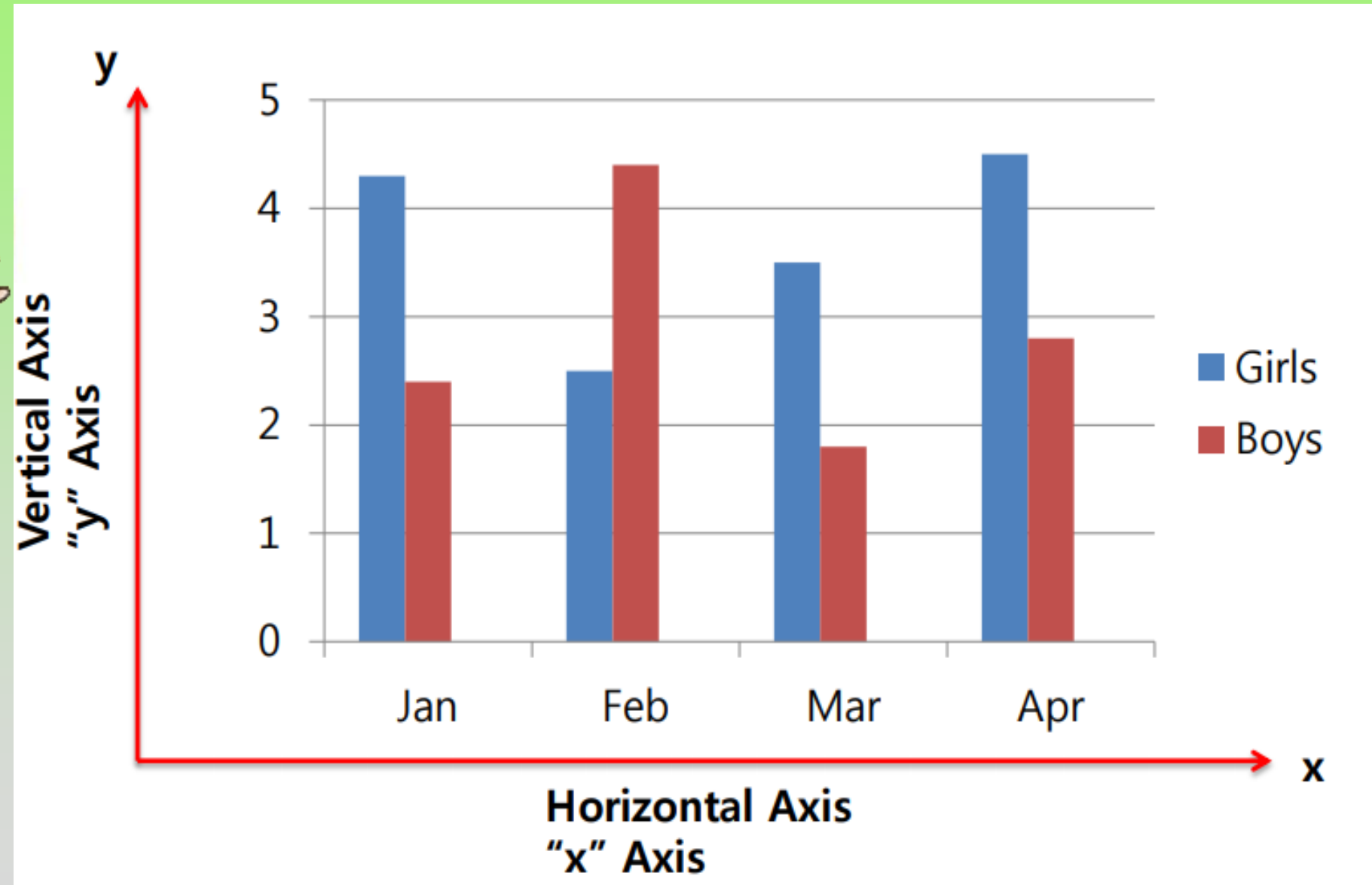
Describing Graphs , Charts & Diagrams.

Some tips for writing….

▪ Start by saying exactly what the chart , graph or the diagram shows.

▪ Avoid repeating words in the question. Instead, use other words with the same or similar meanings.

▪ Explain what the different sections refer to and describe the trends you can see.

Use data and numbers from the chart.

Describe the changes precisely.

Compare the information.

Talk about differences or similarities.

▪ To sum up , highlight the most important things the information shows.

Describing graphs....

Bar chart (Series 1) showing monthly values: Jan = 10 (Most/Maximum), Feb = 8 (More), Mar = 6 and Apr = 6 (Equal), May = 2 (Least/minimum).
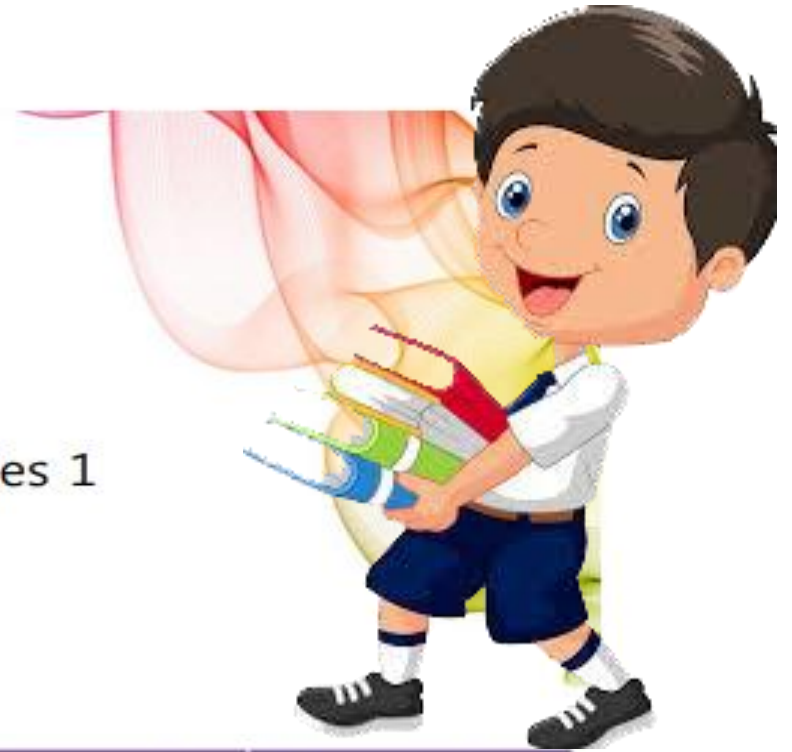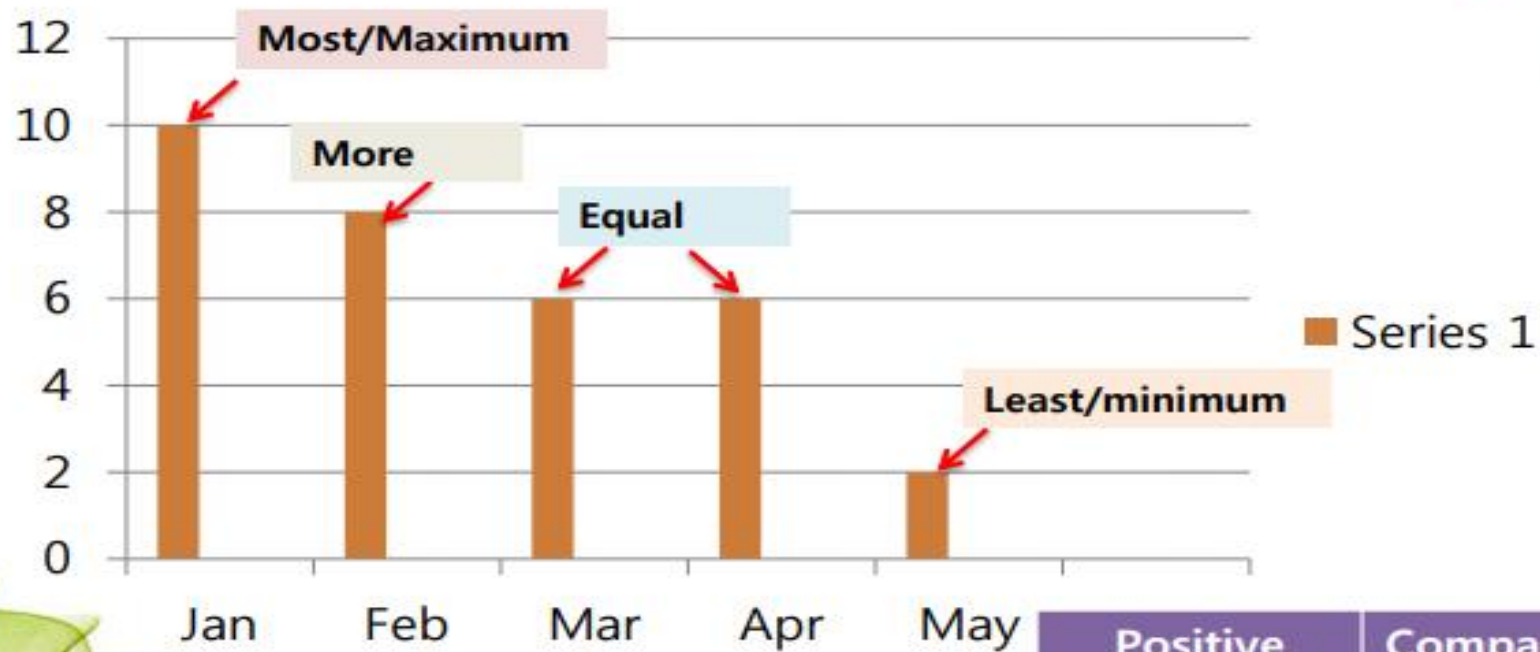
Positive	Comparative	Superlative
Little	Less	Least
Big	Bigger	Biggest
Many	More	Most
Long	Longer	Longest
Bad	Worse	Worst
Good	Better	Best

The language used...

Maximum…
The most popular….
The majority….

Equal/ similar /same….
Equally popular…...
An equal percentage of…

Minimum…
The least popular…
The lowest percentage..
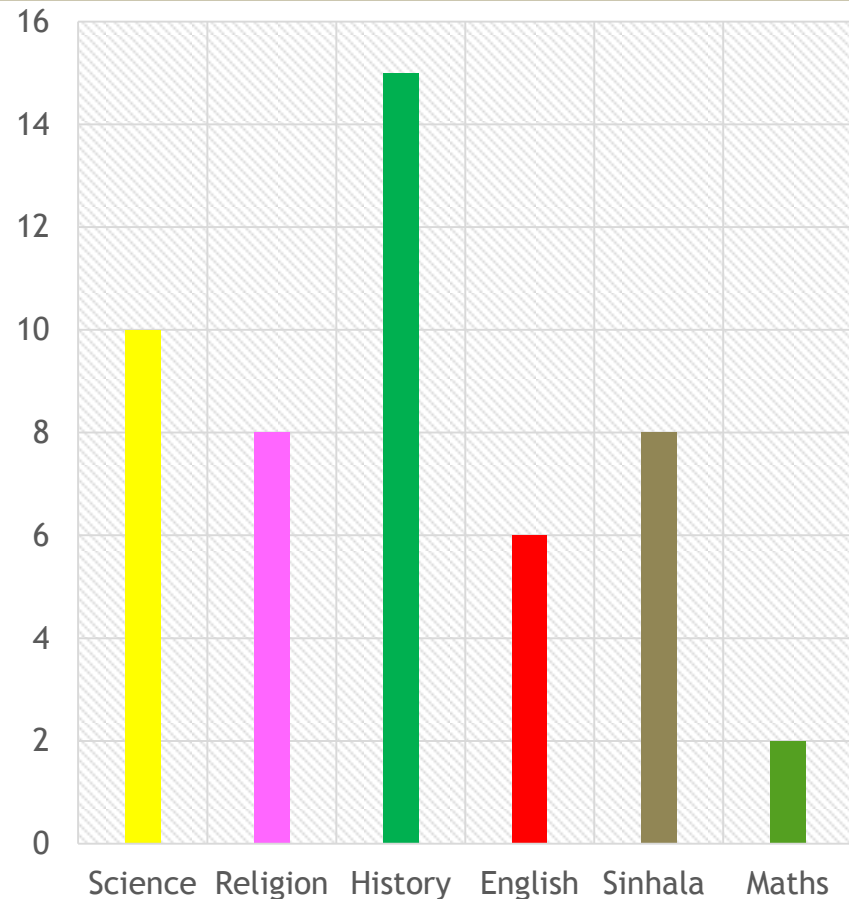A minority of….

More popular than…
Higher than…
Less popular than..
Lower than….

When comparing

Study the following bar graph and the description focusing the highlighted words and the phrases..

- ➤ This bar graph shows some favourite subjects of Grade 11 students of Kg/Mabopitiya M.V.
- ➤ The horizontal axis shows the favourite subjects of the students.
- ➤ The vertical axis shows total number of the students.
- ➤ The most popular subject is History and 15 students like it.

  or

  The majority of students like History, it is fifteen.

- ➤ The least popular subject is Mathematics and only 02 students like it.

  or

  The minority of students like English , it is six.

- ➤ An equal number of students like Religion and Sinhala respectively.
- ➤ A few number of students like Mathematics.

# The language used...

- The pie chart/ bar graph/ line graph is about....

- The pie chart/ bar graph/ line graph shows.....

- The bar chart deals with....

- The chart is divided into......... parts/ categories....

- The x axis/ horizontal axis shows.......

- The y axis/ vertical axis shows........

- The number has increased/ decreased......

- The number does not change/ remains stable..

Exercise -01

The following graph shows the favourite pets of Grade 09 students of Sri Seelananda M.V. Fill in the blanks to complete the given description.

■Dog ■Cat ■Fish ■Parrot

16	
	15
14	
12	
10	10
8	8
6	6
4	
2	
0	

Dog   Cat   Fish   Parrot
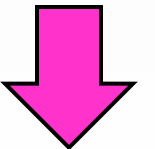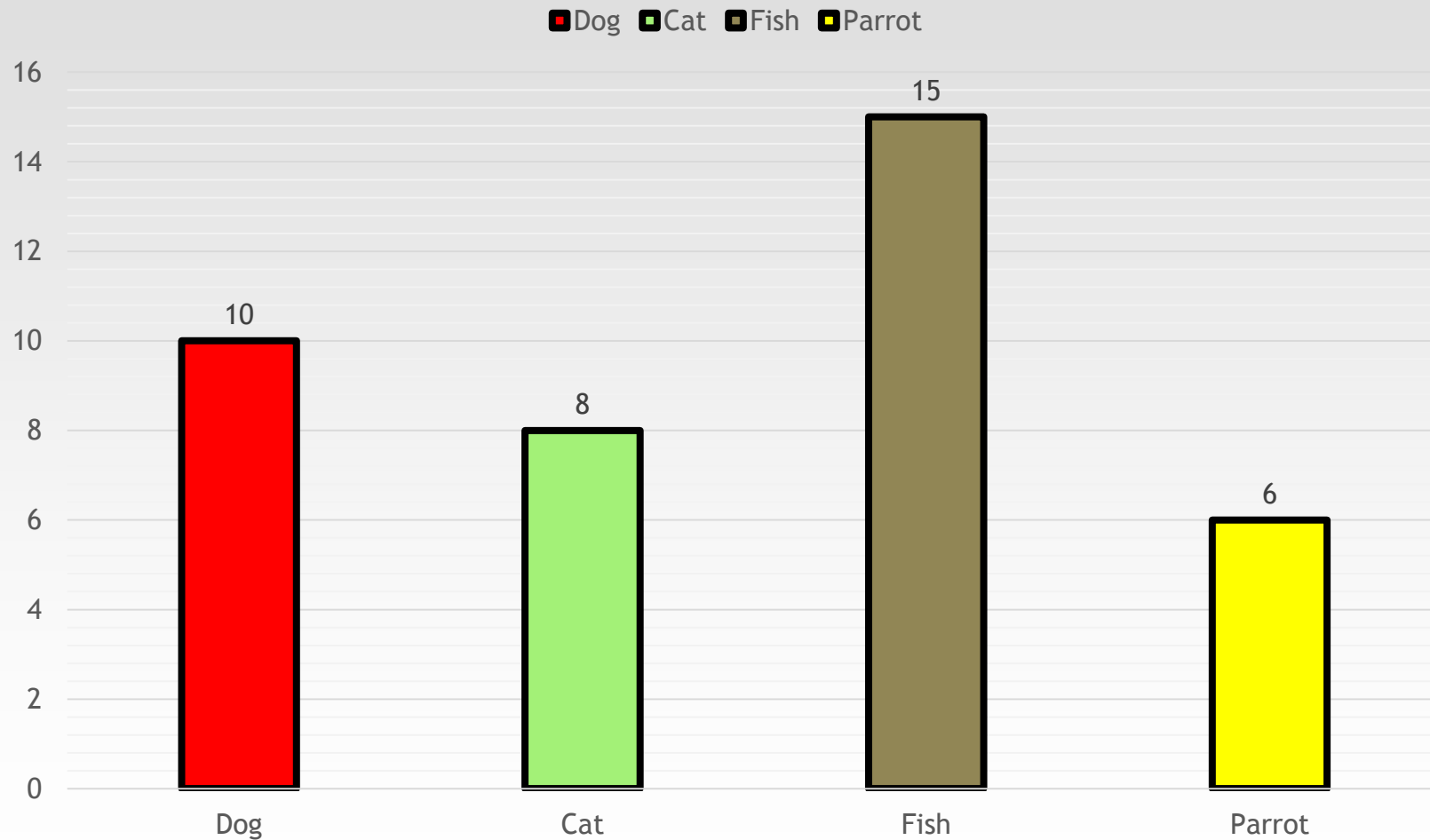
The above bar graph shows the ……………………………..of Grade 09 students of Sri Seelananda M.V. The …………………………………shows the favourite pets of the students. The …………………………………shows the total number of students.

Ten students like…………………………………………….and cat is the favourite pet of………………………………students. The………….. ……..popular pet is fish, fifteen students………………………………this pet. The …………... popular pet is parrot and only …………………………students like it. Two ……………like cats …………than parrots but …………. than …………………………

► Exercise-03

The following pie chart shows the favourite games of Grade 10 students of Hingurana K.V. Complete the given paragraph describing the chart.

Favourite Games

The given pie chart depicts the …………………………of ……………students of ……………………………There are ……………

Games and they are…………………………………,…………………………,

………………….and…………………………….According to the

Chart,43% of students like ………………………….and it is the

………………………….game. The least popular game is…………

and only……………..students like it. 14% and 30% of students like

.............................and ………………….respectively. Therefore

We can say that cricket is ………popular than any other game among these students.

13%

14%

43%

30%

■ Cricket ■ Tennis ■ Football ■ volleyball
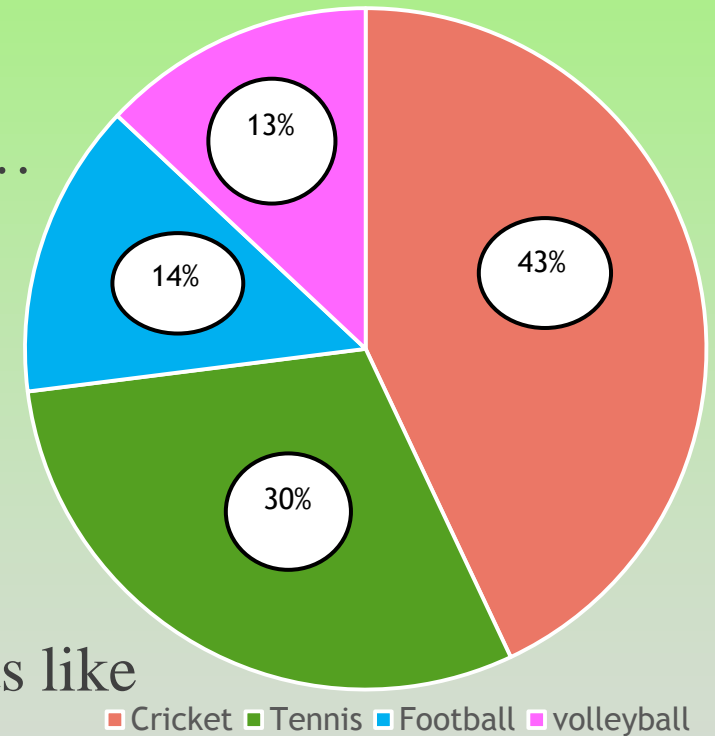
Exercise -04

The following pie chart shows what 100 students of St.Thomas College like to do during the quarantine days of Covid 19.Study the chart and write a description. Use about 100 words.



- Watching Films 6%
- Cooking 10%
- Watching TV 31%
- Playing Computer Games 27%
- Gardening 40%
- Internet Surfing 5%
- Reading Books 3%
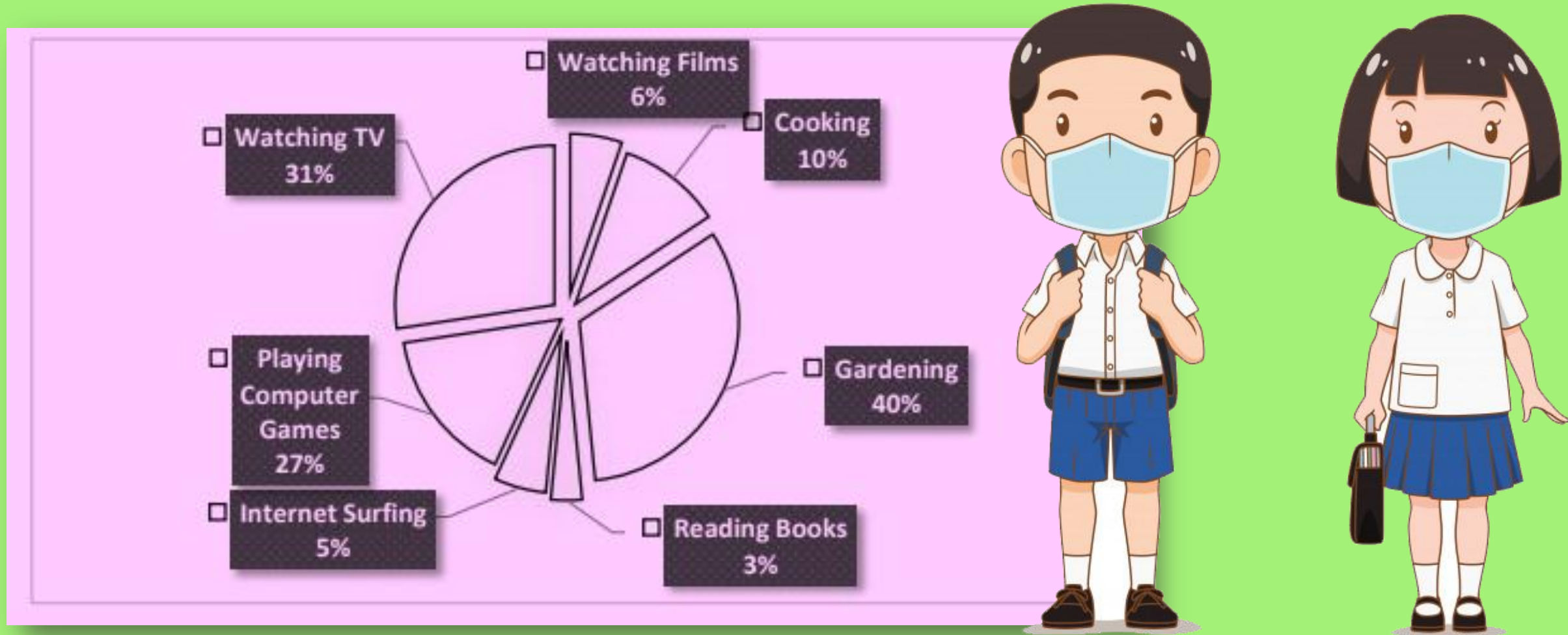
Majority , Minority , Lowest percentage , Highest percentage , equal amount

Describing Venn diagrams...
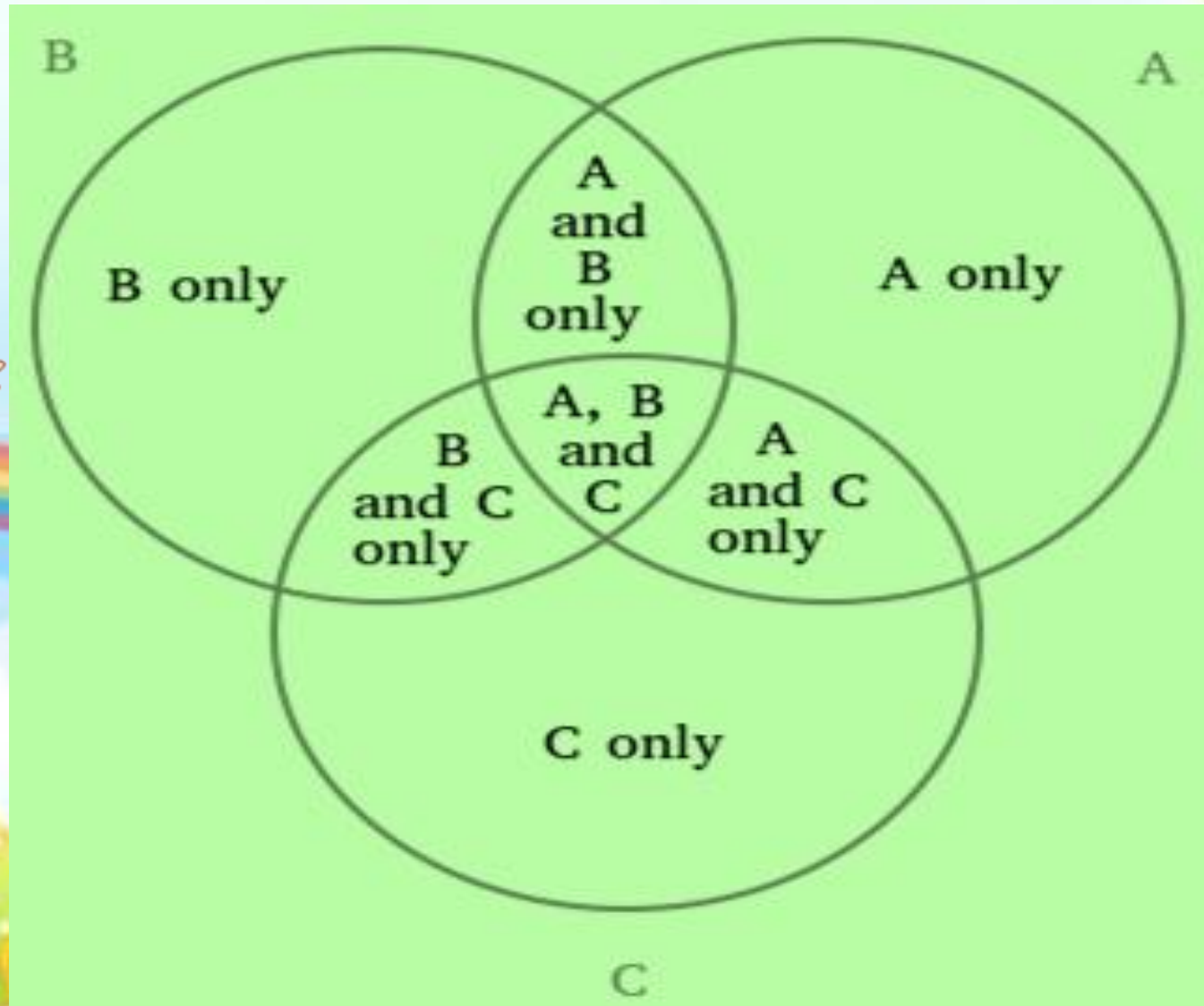
Study the Venn Diagram…

The following Venn diagram shows the different favourite pets of 40 students. Study the diagram and the given description.

ℰ = 40 students

Cats 10 | 10 | Birds 1
6 | 2 | 2
9
Dogs
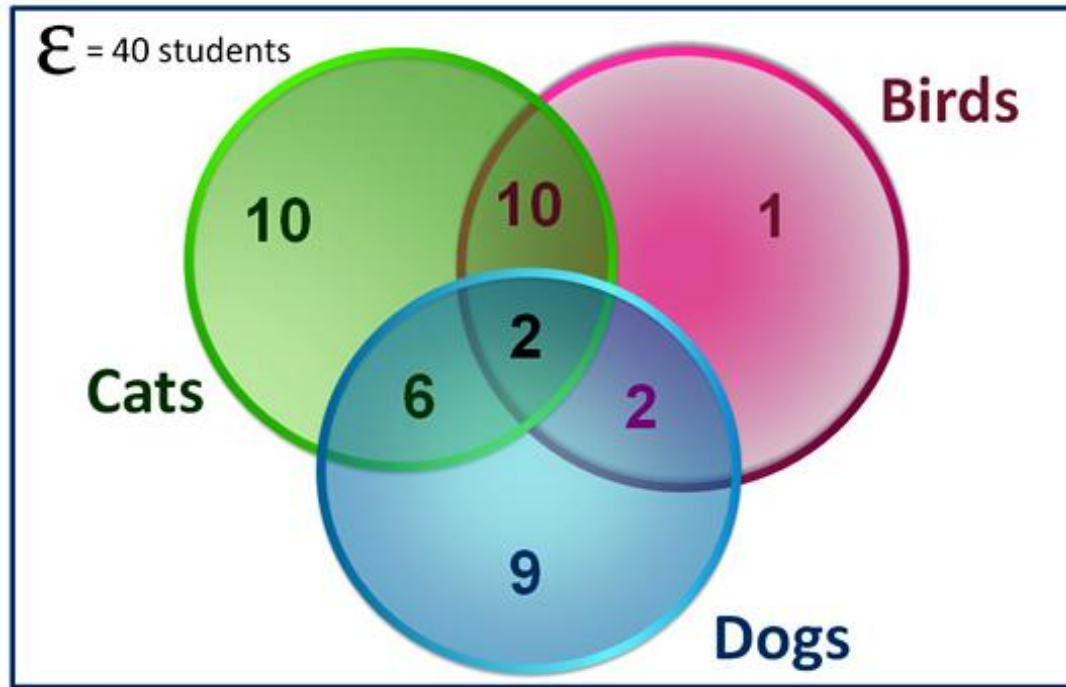
The Venn diagram given here shows three favourite pets of 40 students. The pets are birds , dogs and cats.
According to the details given in the Venn diagram, 10 students like only cats. 9 students like only dogs while only one student likes only birds. More children love to have both cats and birds. But less number students are interested in birds and dogs. Only two students like all these three pets. As the diagram depicts, the majority of the students like to have cats as their pets and bird is the least popular pet among them.

Study the given highlighted words and use them in your writings…

Now refer to the page number 67 in your text book and do the Activity 03

Activity 03

There are 40 students in Sithum's class. He conducted a survey in his class to find out about the different kinds of story books his classmates would like to read. He recorded the results in the following table. All the students like to read at least one of the three types of stories.

| Kind of story	No. of students
Adventure stories only	2
Adventure stories and detective stories only	6
Folk tales only	1
Folk tales and detective stories only	14
Adventure stories and folk tales only	9
All the three types of stories	3
Detective stories only	.... ?

i. Copy the Venn diagram into your writing book and name the sets of the Venn diagram and record the given data.
ii. How many students like only detective stories?
iii. Write a small paragraph describing the Venn diagram.

🔴 Adventure stories

🟡 Detective stories

🟢 Folk tales

Exercise -05

The following bar graph shows the reading of variety of materials in a school library by the students. Study the bar graph and write a description about It. Use about 100 words.

A few, many , some , most ,equal , least
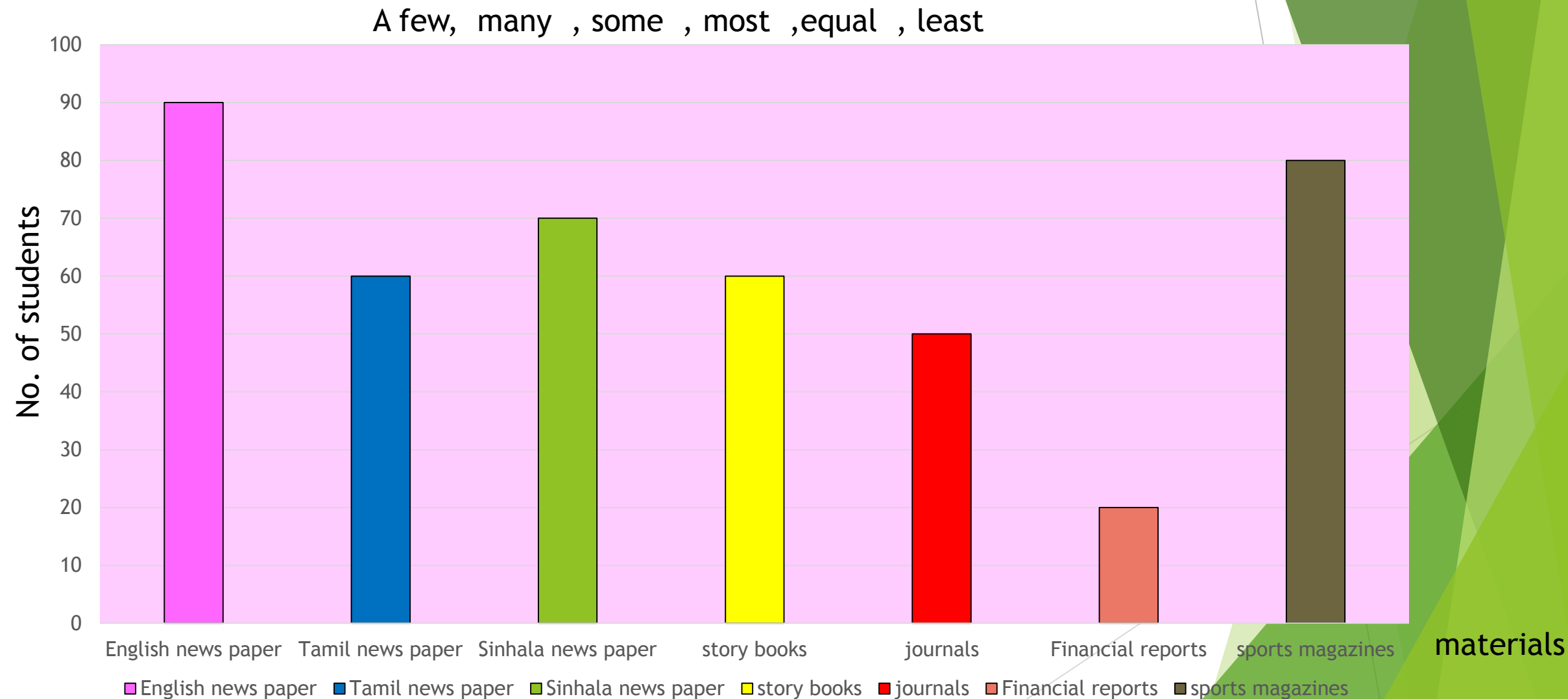
Exercise -06

The following Pie chart shows the favorite television programs of 145 students of the grade 11 classes of Bt/St.Micheal's College. Study the chart below and write a description about it in about 100 words. Use the following phrases in the box below.

Number of Students

10 Jokes
15 News
48 Discovery
17 Dance
22 Music
33 Films
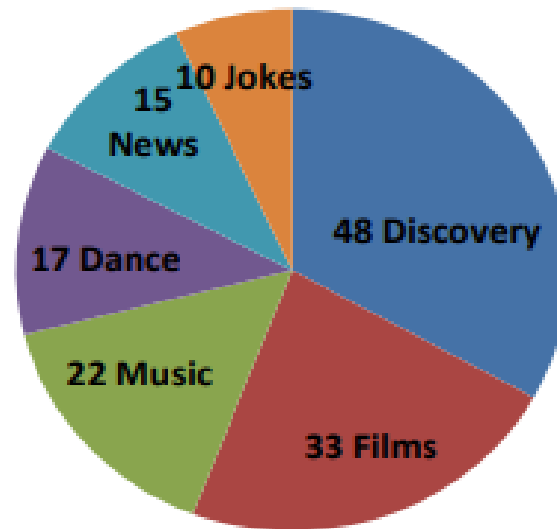
Most of the Student

The Majority of

Lowest number of

Most popular

Less popular than

Equal

Answers...

The above bar graph shows the <u>favourite pets</u> of Grade 09 students of Sri

Seelananda M.V. The <u>horizontal axis</u> shows the favourite pets of the students.

The <u>vertical axis</u> shows the total number of students. Ten students like <u>dogs</u>

and cat is the favourite pet of <u>eight</u> students. The <u>most</u> popular pet is fish,

fifteen students <u>like</u> this pet. The <u>least</u> popular pet is parrot and only

<u>six</u> students like it. Two <u>students</u> like cats <u>more</u> than parrots but <u>less</u> than

<u>dogs.</u>

Exercise 02
Now refer to the page number 66 in your text book and do the
Activity 02....

Answers...

The given pie chart depicts the favourite games of grade 10 students of Hingurana K.V. There are four Games and they are cricket, tennis, football and volleyball. According to the Chart,43% of students like cricket and it is the most popular game. The least popular game is volleyball and only 13% 0f students like it.

14% and 30% of students like football and tennis respectively. Therefore,we can say that cricket is more popular than any other game among these students.

THANK YOU

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