

Unit: Introductory unit

Name: Guide 1, 2nd term

Topic: Line graphs

4th grade English Science and Technology.

Learning objectives:

OF 1: To read and understand in an independent and critical way, different original written texts, related with his/her vocational and cultural interests; using different strategies to extract and interpret implicit or explicit, general or specific information.

Dear students,

*In this difficult times, I hope you can find peace!
You can count on me! 😊*

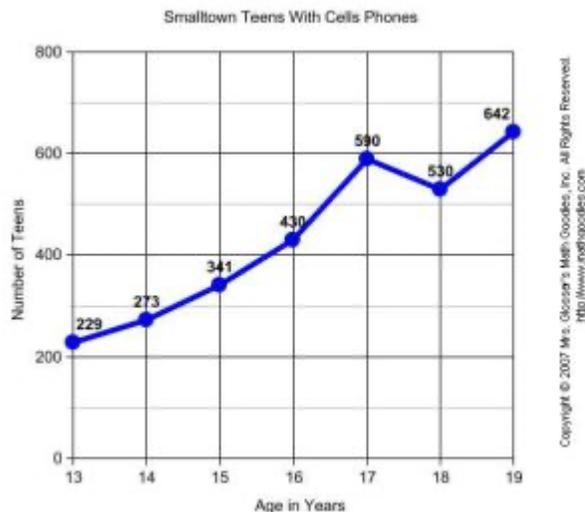
1. READ ABOUT THE LINE GRAPHS.

LINE GRAPHS

What is a line graph?

A **line graph** is a graphical display of information that changes continuously over time. A **line graph** may also be referred to as a **line chart**. Within a **line graph**, there are points connecting the data to show a continuous change. The **lines** in a **line graph** can descend and ascend based on the data.

PICTURE 1



Picture 1: shows this number of teenagers who have cellphone in a small-town

The first graph in Picture 1 shows this number of teenagers who have a cellphone in a particular city (Line Graphs). This graph is called “liner” because the data is represented in a line. In the **x-axis**, age is represented. The age of the sample population starts from 13 to 19-year-old. **Y-axis**, shows the number of users who has a cellphone. The results of the study show that the number of teens who have cellphones is **rising** from age 13 to age 17, to reach 590 users. In age 18, however, it is a **dip** of 530 users. Then it grows again to reach the highest number of users at age 19 of 642 users. We can conclude that as the teens grow older the possibility that he/she has a cellphone is bigger. This data could be a marketing study for a cellphone or a telecommunication company that search for the target segment to whom it will advertise.

VOCABULARY:

X-axis : Eje X (horizontal)

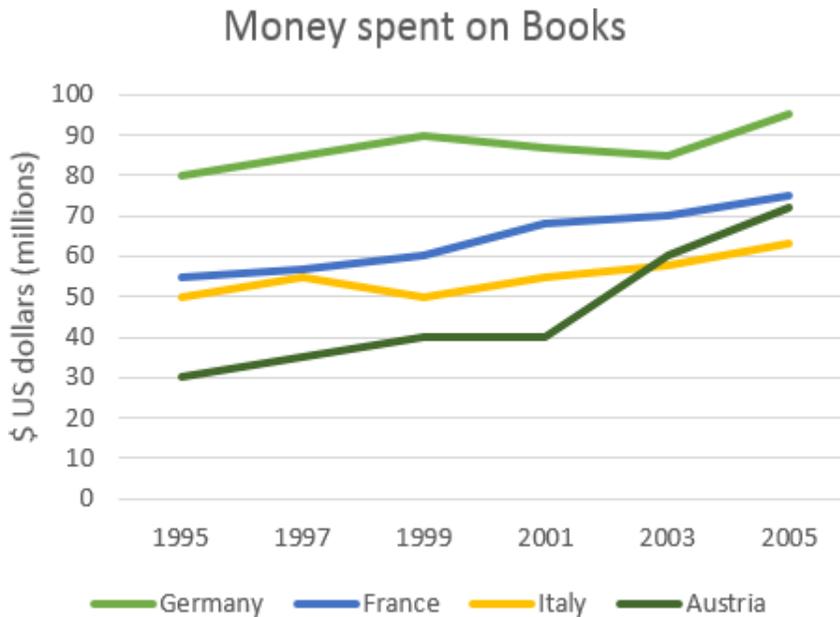
Y-axis : Eje Y (vertical)

Rising : alza

Dip : caída

Exercise 1

Take a look at the line graph. Then complete the text using the information.



- The graph shows the _____ in Germany, _____, _____ and _____.
- The data were collected between the year _____ and _____.
- _____ had the highest increase of money spent on books.
- _____ had the second highest increase.
- _____ had the lowest increase.
- _____ decreased the money spent on books in 1999.
- _____ decreased the money spent on books in 2003.
- _____ had a significant increase between 2001 and 2005.

Glossary:

- the highest:** más alto
the lowest: el más bajo
increase: aumento
decrease: descenso