



ENGLISH LANGUAGE SEMESTER 2: 2023-2024 CHAPTER 9

INSTRUCTOR

MANAR S.M. AL-JETHELAH, PHD

Text book: Headway Academic Skills: Reading, Writing, and Study Skills, Level 3. By: Sarah Philpot and Lesley Curnick

The background is a vibrant green with a subtle gradient. In the center, there is a large, faint white circle. Scattered around the edges are several realistic-looking water bubbles of various sizes, some with highlights and shadows, giving them a three-dimensional appearance.

READING

UNDERSTANDING VISUAL INFORMATION: GRAPHICS

Academic texts often contain statistics in the form of graphs or charts.

✓ **Line graphs** show specific trends in data, often on a time line.

✓ **Bar charts** illustrate comparisons in trends.

✓ **Pie charts** compare percentages of a whole piece of data.

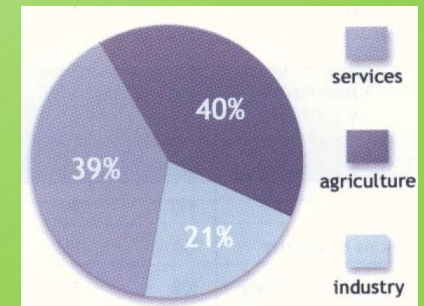
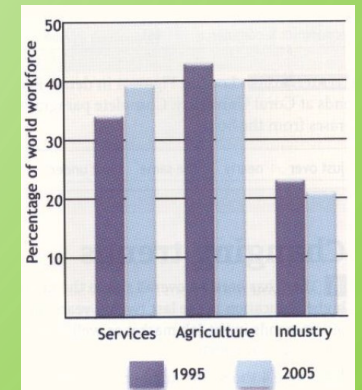
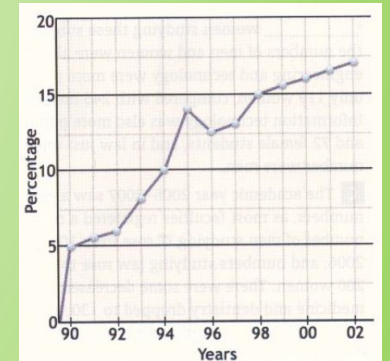
Referring to these as you read helps you understand the text:

✓ Skim the titles of the graphics to get a general idea.

✓ Look at the graphics and ask yourself some general questions, e.g.

What is the overall picture? Are there any unexpected points?

✓ As you read the text, refer to the appropriate graphics.



INTERPRETING DATA

When you are interpreting figures, look first for general patterns:

- ✓ terms such as the majority, twice as many, the same (as)
- ✓ approximations such as almost, nearly, approximately, (just) over/ under

Then look in more detail at the actual figures or values. Are these real numbers, percentages, or other values? Identify equivalents, e.g. one in ten = 10%, a quarter = 25%

The background is a vibrant green with a subtle radial gradient. In the center, there is a bright white circle surrounded by several faint, concentric white circles. Scattered around the edges are several realistic-looking water bubbles of various sizes, each with a white highlight and a dark shadow to give them a 3D effect.





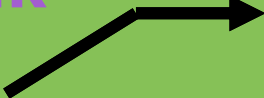
WRITING

USING GRAPHS TO PRESENT DATA

In your writing,

- 1) Present statistical and numerical data in a graphic form for clarity.
- 2) Refer to the graphics and describe the overall patterns rather than all the statistics in detail.

LANGUAGE FOR WRITING

rise 	fall 	stay the same 	change frequently 	peak 
- increase - grow	- decline - decrease	- stabilize - Level out	- fluctuate	- reach a peak

LANGUAGE FOR WRITING

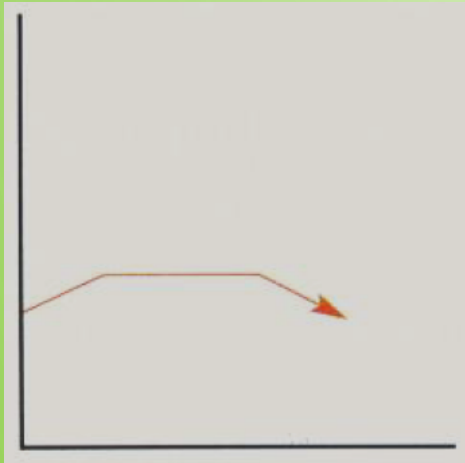
Complete the table with the adjective+noun phrases (**Assignment**)

Verb+ adverb	Adjective+ noun
rose dramatically	a dramatic rise
fell substantially	
increased considerably	
dropped slightly	
decreased noticeably	
grew marginally	
declined steadily	

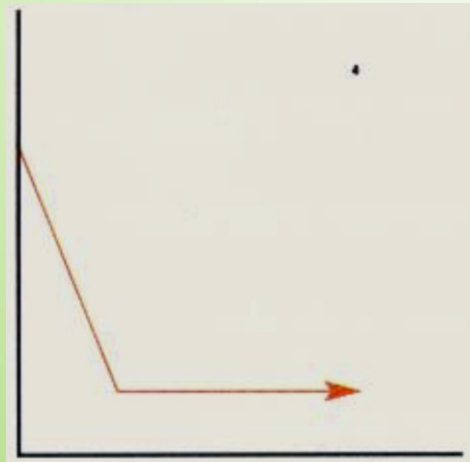
LANGUAGE FOR WRITING

A large change	A small change
dramatically/dramatic	slightly/slight
considerably/considerable	marginally/marginal
noticeably/noticeable	steadily/steady

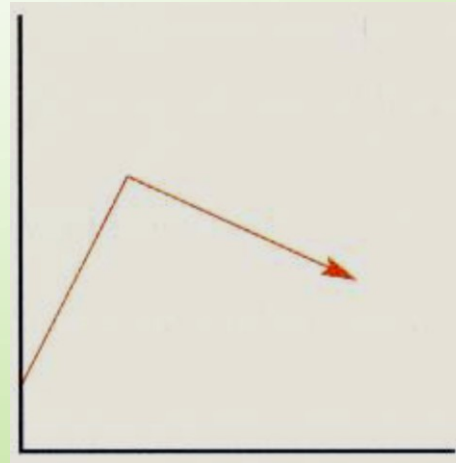
LANGUAGE FOR WRITING



The numbers grew slowly and after levelling out, they dropped slightly.



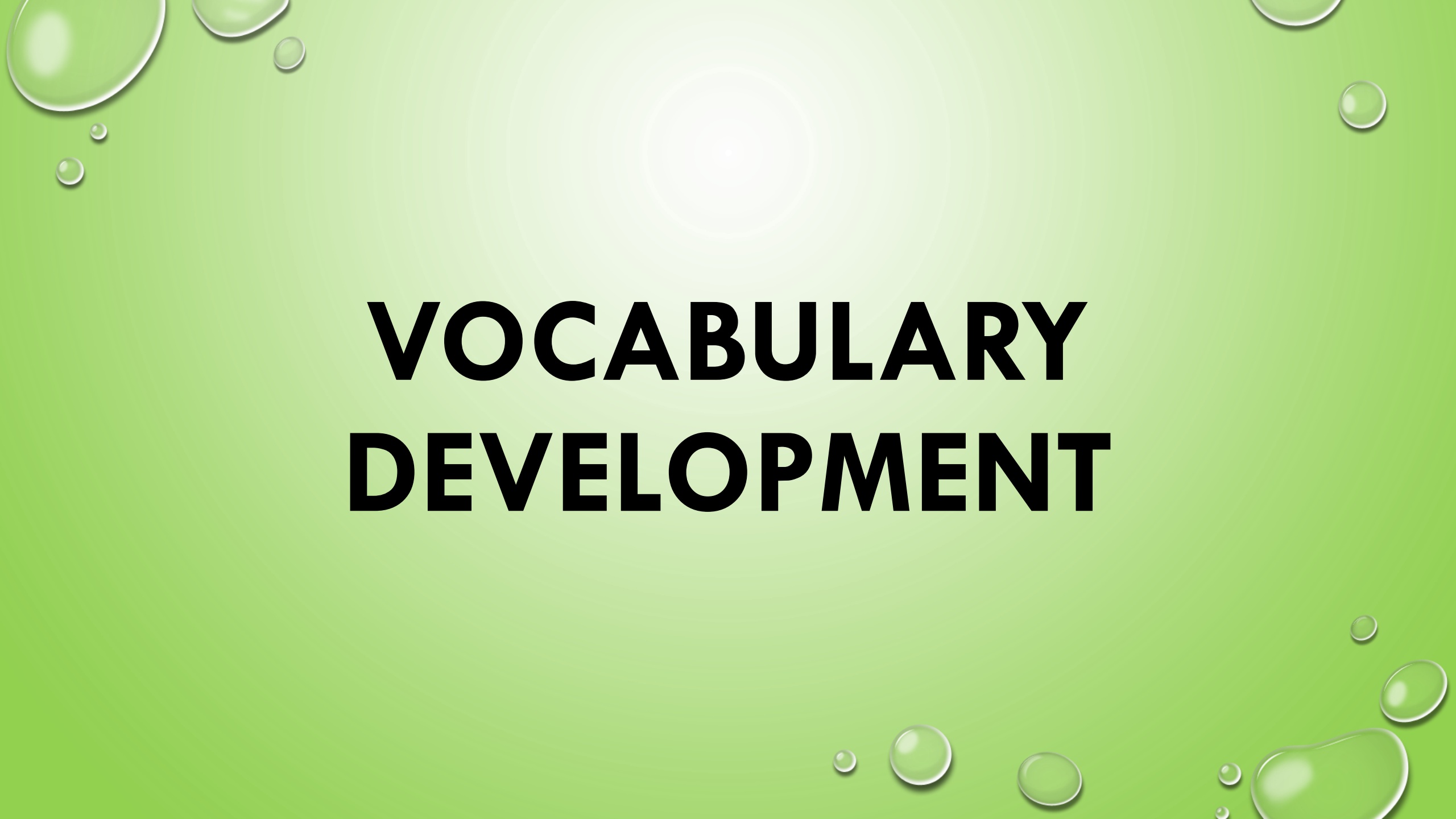
Parameter A fell substantially and then levelled out.



After a substantial/considerable rise, there was a steady decline.



The value dropped and then levelled off for a while before fluctuating.

The background is a light green gradient. In the center, there is a large, faint white circle. Scattered around the edges are several realistic-looking water bubbles of various sizes, some with highlights and shadows, giving them a 3D effect.

VOCABULARY DEVELOPMENT

PREFIXES

Prefixes are a letter or a group of letters which you add at the beginning of a word. Understanding the meaning of a prefix will help you understand the word. For example: **bio — means connected with living things or human life, e.g. biochemistry.**

The negative or antonym of some words is formed with a prefix. For example: **necessary ≠ unnecessary; relevant ≠ irrelevant**

PREFIXES

number	size	place	substance	Negatives/antonyms
Poly- e.g. Polyethylene Multi- e.g. multilingual	Nano-(one billionth (10^{-9})) e.g. nanogram	Sub- (under) e.g. subtitles	Hydro- (water) e.g. hydroelectric	Un- (unsuitable)

