Science and technology

VOCABULARY PRACTICE

PRE-INTERMEDIATE | A2-B1

Name: _____ **Date:** _____

1 Match each science or technology word with its meaning.

1 experiment	____	a programs used by a computer
2 laboratory	____	b test designed to discover something
3 scientist	____	c place where scientific work is done
4 device	____	d person who studies science
5 lever	____	e equipment made for a particular purpose
6 button	____	f system showing position and directions
7 software	____	g control pressed to operate a machine
8 GPS	____	h bar moved to control equipment

2 Complete the science and technology expressions.

analyse | **download** | **flash** | **install** | **press** | **react** | **rotate** | **with**

1 experiment _____ materials

2 _____ the results

3 chemicals _____ together

4 lights start to _____

5 a wheel begins to _____

6 _____ a button

7 _____ an app

8 _____ a file

3 Choose the correct word or phrase.

1 A scientist carries out an *experiment* / *experience*.

2 You *press* / *pull* a button.

3 You usually *pull* / *download* a lever.

4 Two chemicals may *react* / *rotate*.

5 A wheel can *rotate* / *install*.

6 GPS helps you find your *position* / *reaction*.

7 Software is *installed* / *extracted* on a device.

8 A flaw is a *weakness* / *discovery* in an idea or design.

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4 Complete the school experiment report with words from the box.

analysed | button | device | experiment | flashed | lever | reacted | rotated

We built a small **1** _____ to test motion. First, we pulled a **2** _____, and a wheel **3** _____. Then we pressed a **4** _____, and two lights **5** _____. In a separate **6** _____, two safe liquids **7** _____ and changed colour. Finally, we **8** _____ all the results.

5 Read the text. Write T (true) or F (false).

A simple plant experiment

A class wanted to know whether seeds need light to grow. They placed equal numbers of seeds in two identical containers and gave both the same amount of water. One container stood by a window; the other was kept in a dark cupboard. After seven days, students measured every shoot and recorded its colour. They repeated the experiment because one container had become unusually warm.

1 The class studied seeds. T / F

2 The containers were different sizes. T / F

3 Both received equal water. T / F

4 Both stood by a window. T / F

5 Students measured the shoots. T / F

6 They repeated the test because temperature may have affected it. T / F

6 Rewrite using the word in capitals.

1 They studied the results carefully. **ANALYSED** _____

2 The wheel started turning. **ROTATE** _____

3 Put the program on the computer. **INSTALL** _____

4 The two substances changed each other. **REACTED** _____

OVER TO YOU

Write **70-90 words** about a simple scientific experiment or useful device. Explain its purpose, materials or parts, method and result.

[ ] Use at least eight target words. [ ] Put the method in a clear order. [ ] Distinguish results from conclusions.

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ANSWER KEY

1 Science and technology words

1 **b** 2 **c** 3 **d** 4 **e** 5 **h** 6 **g** 7 **a** 8 **f**

2 Expressions

1 **with** 2 **analyse** 3 **react** 4 **flash** 5 **rotate** 6 **press** 7 **install** 8 **download**

3 Correct choices

1 **experiment** 2 **press** 3 **pull** 4 **react**
5 **rotate** 6 **position** 7 **installed** 8 **weakness**

4 Experiment report

1 **device** 2 **lever** 3 **rotated** 4 **button** 5 **flashed** 6 **experiment** 7 **reacted** 8 **analysed**

5 Reading - suggested answers

1 **T** 2 **F** - They were identical. 3 **T** 4 **F** - One was in a cupboard. 5 **T** 6 **T**

6 Rewriting - possible answers

1 They **analysed** the results. 2 The wheel began to **rotate**. 3 **Install** the program. 4 The substances **reacted**.

Over to you: Answers will vary. Check technical verbs, method, results and conclusion.