**Science and technology**

**1 Complete the sentences with the correct form of the words in the box. Use the vocabulary map to help you.**

award have gain name after receive remain

**1** Steven Hawking \_\_\_\_\_\_ recognition in the 70s after publishing research on theoretical physics.

**2** The amount of people buying electric cars \_\_\_\_\_\_ unchanged due to problems with charging stations.

**3** Marie Curie was \_\_\_\_\_\_ half of the Noble Prize in 1903 with her husband, Pierre.

**4** Could I \_\_\_\_\_\_ access to the database, please?

**5** Apple was \_\_\_\_\_\_ an apple orchard that Steve Jobs worked at.

**6** Class 7B \_\_\_\_\_\_ a mention in the school newsletter this month for their work on the new Biology project.

**2 Choose the correct options to complete the sentences.**

**1** We visited the *botany* / *botanical* gardens at the weekend – they are beautiful.

**2** I’m really interested in *archaeological* / *archaeology* – I often visit historic sites and ruins.

**3** Filip is going to study to become a *geologist* / *geology* at university – he’s really interested in the environment too.

**4** *Physical* / *Physics* is not my favourite subject. I’m better at art-related subjects.

**5** Light travels at a constant *relativity* / *velocity*.

**6** *Elements* / *Electrons* are the negatively charged particles of atom.

**7** Social media *equations* / *algorithms* are a way of sorting posts on a user’s feed based on relevancy.

**8** She *featured* / c*urated* that amazing exhibition on Egyptian art at the museum.

**3 Complete the text with the correct forms of the words in the box.**

alert dated feature go down graph handle

latest rapid smart devices upgrade

Science and scientific discovery is amazing. Take Type 1 diabetes for example. Diabetics now have access to the **1**\_\_\_\_\_\_ technology to help them **2**\_\_\_\_\_\_ their sugar levels. They are able to apply sensors to their arms which they scan and then send their levels to their **3**\_\_\_\_\_\_. These allow them to track the increase or **4**\_\_\_\_\_\_ decline in their sugar levels. A **5**\_\_\_\_\_\_ on the smart device illustrates what their levels are like throughout the day making it easier to manage the condition. Many diabetics can also use a pump to deliver insulin. There are many **6**\_\_\_\_\_\_ on the pump which allow the user to lead a normal life – for example, they can receive **7**\_\_\_\_\_\_ to let them know their sugar is **8**\_\_\_\_\_\_ quickly (meaning they should have something sweet to eat). Users even get to **9**\_\_\_\_\_\_ their pump like a mobile phone so that they are never risking their health with a **10**\_\_\_\_\_\_ device. The sensors and pump technology have undoubtedly changed many lives.