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Science and technology

VOCABULARY

2.1

Online • phones and computers
• word building • collocations

SHOW WHAT YOU KNOW

1 Complete the sentences with the correct form of the verbs from the box.

(download follow go post update visit)

How do I post this photograph of us on social media?

- I don't understand why so many people _____ celebrities on Twitter.
- Akito _____ online the moment she wakes up to check her social media messages.
- I've never _____ this website before. It has some excellent information on it!
- It's very important to _____ your social media profile. Then everybody has the latest information about you.
- Dean is the only person I know that still buys CDs. Most people _____ music on computers now.

WORD STORE 2A | Phones and computers

2 Complete the texts with compound nouns. The first and last letters are given.

@ **COMPU**CLEAN,
we clean all kinds of
computers including
desktop **c**omput**e**r**s**
and **l**aptops.

Call us now on
073 123 345 456
for more information.



REMEMBER THIS

Log on and *log in* both mean start using a computer system or website (you often have to enter a username and password to do this, but not always). Their antonyms are *log off* and *log out*.

REMEMBER BETTER

When you learn phrasal verbs, check in the dictionary or online and find the antonym. We often (but not always) use the opposite preposition, e.g. *switch on* ≠ *switch off*.

A Write the opposites. Use a dictionary if necessary.

- | | | |
|------------------------|---|--------------------|
| scroll up | ≠ | <u>scroll down</u> |
| 1 turn up (the volume) | ≠ | _____ |
| 2 turn on | ≠ | _____ |
| 3 log on | ≠ | _____ |

B Complete the sentences with phrasal verbs from Exercise A.

The information you need is at the bottom of the webpage. You need to scroll down.

- I can't study with that loud music playing. Please will you _____ the volume.
- Use your username and password to _____ to the website.
- _____ the TV before you go to bed.

Thank you for joining **www.english4U2learn.com**, the number one website for language learners. We have sent you an email with your ²**u**_____ **e** and other login details. Follow the link in the email and choose a ³**p**_____ **d** of nine characters or more. And remember, you can use a ⁴**l**_____ **r** **p**_____ **r** to print your personal daily wordlist, so you can study any time, anywhere!



howitworks.com - Internet searches

To use the Internet you need to have a ⁵**w**_____ **b** **b**_____ **r**. Then, you can use the touch screen on your phone or the ⁶**k**_____ **d** on your computer to put a word or phrase into a ⁷**s**_____ **h** **e**_____ **e** such as Google. If you have ⁸**b**_____ **d**, the information you are trying to find appears very quickly.

our comments on the topic of teenage communication

will328 says:

Most young people do not use their phones for speaking to people. We either look for information on the Internet or we send ⁹**t**_____ **t** **m**_____ **s** to family and friends.

WORD STORE 2B | Word building

- 3 Complete the sentences with the correct form of the words in capitals.



Charles Darwin, the world famous **biologist**, travelled to many exotic places such as the Galapagos Islands.

BIOLOGY

- Galileo Galilei, a famous _____, was the first person to see the rings of Saturn. He did this using his telescope in 1610. **ASTRONOMY**
- The famous _____ Isaac Newton was born on Christmas Day 1642. And it's not true that an apple hit him on the head. **PHYSICS**
- Larry Page, the _____ who helped start the company Google, is now worth \$44.5 billion. **COMPUTER SCIENCE**
- The Nobel Prize is named after Alfred Nobel. He was a _____ and he is famous for making dynamite. **CHEMISTRY**
- Euclid was a _____ and many people call him the Father of Geometry. He wrote one of the first textbooks for teaching Maths. **MATHEMATICS**

WORD STORE 2C | Collocations

- 4 Choose the correct verbs.

- When you *do / make* an experiment, it's not always a success.
- I prefer *collecting / taking* specimens. It's better than working in the laboratory.
- Was it Marie Curie that *invented / discovered* radium?
- The Scottish man, John Logie Baird, *invented / discovered* television in 1925.
- Please *take / do* the important measurements this afternoon, Adam.
- Famous scientists often *develop / observe* important theories.
- Do you prefer *taking / doing* notes on a computer or a piece of paper?
- Today we can *do / make* research on the Internet. In the past it wasn't so easy.
- Scientists spend a lot of time just *observing / discovering* their experiments.

SHOW WHAT YOU'VE LEARNT

- 5 Choose the correct answers A–C.

- I can't enter the website. Something is wrong. Am I using the correct ____?
A keyboard
B password
C text message
- I've started using a new _____. I type in what I'm looking for on the Internet and it finds the websites I want really quickly.
A broadband
B username
C search engine
- Sarah spends a lot of time _____ specimens in the countryside. She truly enjoys being a biologist.
A collecting
B developing
C inventing
- Kevin wants to be a computer _____ when he is older.
A science
B scientist
C biologist
- Ben emailed the document to me. I made a copy of it on paper with the _____ for you.
A keyboard
B web browser
C laser printer
- I'm busy at the moment. I'm _____ notes on this film about astronomy.
A making
B doing
C taking
- Most people have a _____ Internet connection now because it's fast.
A web browser
B broadband
C desktop
- I need a new _____ for my desktop computer. The 'Enter' key doesn't work.
A keyboard
B laptop
C username
- You must be very creative to _____ something completely new and useful for people to use.
A invent
B discover
C observe
- James' father is a(n) _____. He develops new drugs for people who are sick.
A astronomer
B chemist
C physicist

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SHOW WHAT YOU KNOW

1 Complete the sentences with the Past Simple forms of the verbs in brackets.

- Graeme ^a went (go) online this morning and ^b _____ (buy) tickets for the concert.
- Simone and Kay ^a _____ (be) very busy all day yesterday. They ^b _____ (not/have) time for a break.
- ^a _____ (Carly/be) at the Science club last week?
^b _____ (she/give) her presentation?
- ^a _____ (you/download) those games recently?
^b _____ (they/be) free?

2 ★ Complete the dialogue between a policeman and Steve with the Past Continuous forms of the verbs in brackets.

At the police station ...

P: What were you doing (do) at six o'clock on the 23rd of October?

S: Erm ... I don't remember. I think I was at home. Yes, I ¹ _____ (watch) TV.

P: Was anyone at home with you?

S: No, nobody. It was just me. I ² _____ (not/work) that day.

P: I see. So nobody saw you at home at 6 p.m. that day?

S: Oh ... er ... yes of course. Silly me! My wife was there too. She ³ _____ (make) dinner in the kitchen.

P: And what about your children?

S: Oh yeah, the kids! They ⁴ _____ (do/ homework) upstairs in their bedrooms.

P: And your mother-in-law?

S: Oh yes, of course. Er ... She ⁵ _____ (stand) in the kitchen.

P: I see. So, can you explain why we have pictures of you waiting in your car outside the bank at 6 p.m.?

3 ★ Complete the sentences with the Past Continuous forms of the verbs in brackets.

Alexander Graham Bell was experimenting (experiment) in his laboratory when he made the first successful telephone call.

- _____ (Archimedes/have) a bath when he shouted 'Eureka!'?
- Mark Zuckerberg _____ (study) at Harvard University when he created Facebook.
- _____ (Isaac Newton/sit) under an apple tree when he thought of his theory of gravity?
- Marie Curie _____ (not/live) in Poland when she won her first Nobel Prize in 1903.

4 ★★ Choose the correct forms.

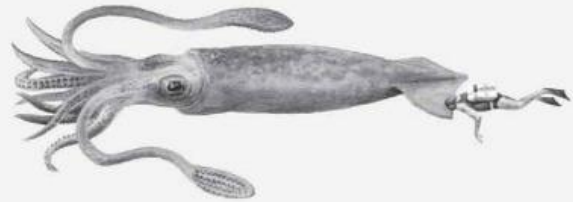
- Sorry, I ^a had / was having a shower when you ^b called / were calling.
- ^a Did Lola stand / Was Lola standing outside when it ^b started / was starting to rain?
- When the car ^a crashed / was crashing into us, we ^b waited / were waiting at the traffic lights.
- Fortunately, we ^a didn't ski / weren't skiing when the bad weather ^b came / was coming.

5 ★★★ Complete the story with the Past Simple or Past Continuous forms of the verbs in brackets.

What were you doing (you/do) the last time you ¹ _____ (see) something truly amazing? Well, fisherman and journalist Al McGlashan ² _____ (fish) with friends in his private boat when he ³ _____ (find) something very, very strange. At first the group of fishermen ⁴ _____ (not/know) what it was, but when they ⁵ _____ (look) closely, they saw the body of a giant squid – almost 4 metres long!

Al got out his video camera and then another amazing thing ⁶ _____ (happen). He ⁷ _____ (film) the squid when a large blue shark ⁸ _____ (arrive) and began eating the dead squid for lunch!

Al ⁹ _____ (tell) an Australian newspaper that in all his years of fishing he'd never seen anything like it.



SHOW WHAT YOU'VE LEARNT

6 Find and correct the mistakes.

He was clicking on an icon and nothing happened.
clicked

- Tom was downloading music when his computer was getting the virus. _____
- Annabelle visited the zoo when she saw an elephant for the first time. _____
- Grandma, were you watching television when Apollo 11 was landing on the moon? _____
- They were waiting for the bus when it was starting to snow. _____
- The girls were playing tennis when Helen was breaking her arm. _____
- Was the computers working this morning when you arrived? _____

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