

**D Match to make sentences.**

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|--|---|
| 1 Alex's electricity was cut .....               | A off because she forgot to pay the bill. |
| 2 Wear a mask because these chemicals give ..... | B metals such as lead into gold.          |
| 3 I'm writing an essay and I need to find .....  | C out who discovered penicillin.          |
| 4 I was pleased that our gamble came .....       | D on in physics over the last year.       |
| 5 Alchemists spent years trying to turn .....    | E off fumes that can be harmful.          |
| 6 Your teacher says you've really come .....     | F off and the experiment was a success.   |

**Phrases and collocations****E Choose the correct answer.**

- I don't think people should be allowed to perform experiments ..... animals.  
A for      B over      C on      D to
- There was an explosion in technology ..... the beginning of the 20<sup>th</sup> century.  
A in      B at      C through      D on
- Let's face ..... – we are destroying the environment and we need to do something now.  
A truth      B facts      C things      D information
- The distance from the Earth to the Sun is, ..... average, about 149 million kilometres.  
A by      B on      C from      D in
- It's amazing that creatures survive ..... the bottom of the ocean.  
A in      B by      C at      D to
- Fox Talbot ..... the first photograph in 1835.  
A gave      B did      C drew      D took
- Researchers have ..... to the conclusion that your personality is affected by your genes.  
A come      B got      C reached      D arrived
- Do you mind if I just ..... a quick phone call from here?  
A do      B take      C have      D make
- Many lives were saved ..... the introduction of antibiotics.  
A into      B at      C with      D in
- The ..... of the nuclear accident is still unknown.  
A reason      B cause      C base      D motive
- My father works at the university, doing research ..... weather control.  
A on      B to      C of      D from
- The telescope will photograph distant galaxies, ..... an attempt to understand their past.  
A on      B for      C with      D in

**Word patterns****F Find the extra word in each line.****The future**

- ..... We were discussing about the future in class today. Some people were
- ..... wondering it whether we would have to live in space when we destroy
- ..... our own planet. I explained them that the answer lies in technology because
- ..... scientists are intend to develop forms of energy that will not damage the
- ..... environment. The problems caused as being a result of technology will be
- ..... solved by technology. I am look forward to our next discussion.

**G** Complete each second sentence using the word given, so that it has a similar meaning to the first sentence. Write between two and five words in each gap.

- 1 The mistake by scientists caused a massive explosion. **in**  
The mistake by scientists ..... a massive explosion.
- 2 Dr Atherton finally succeeded in discovering the secret formula. **managed**  
Dr Atherton finally ..... the secret formula.
- 3 Another name for iron oxide is 'fool's gold'. **as**  
Iron oxide ..... 'fool's gold'.
- 4 Many local residents intend to protest about the nuclear power plant. **plan**  
Many local residents ..... about the nuclear power plant.
- 5 We are thinking of appointing Dr Knight to the position of Professor. **considering**  
We ..... the position of Professor.
- 6 We cannot live in outer space without special equipment. **us**  
It ..... to live in outer space without special equipment.

**Word formation**

**H** Use the word given in capitals at the end of each line to form a word that fits in the gap in the same line.

**Qualcomp Powertop**

Qualcomp have just brought out their (1) ..... new handheld computer, the Powertop. It's (2) ..... not to love it, with its smooth, shiny (3) ..... and its bright screen. It might not be the best (4) ..... to handheld computing because it is quite advanced, but you'll find an (5) ..... of all the features in the detailed manual. The Powertop has been (6) ..... designed to fit a lot of computing power in your palm. The (7) ..... of a unique wireless Internet connection means there's a world of (8) ..... just waiting for you. We give the Powertop nine out of ten.

- REVOLUTION**
- POSSIBLE**
- APPEAR**
- INTRODUCE**
- EXPLAIN**
- SCIENCE**
- INVENT**
- DISCOVER**

**I** Complete the sentences by changing the form of the word in capitals when this is necessary.

- 1 Did you know that George Washington had ..... (**WOOD**) teeth?
- 2 The old astronomer patiently made his ..... (**OBSERVE**) and wrote down what he saw.
- 3 ..... (**RESEARCH**) have announced that a major breakthrough has been made.
- 4 I'm planning to train as a ..... (**PSYCHOLOGY**) when I grow up.
- 5 That red ..... (**BUILD**) over there is the Science Department.
- 6 The scientist said she had an announcement of international ..... (**IMPORTANT**).
- 7 *Science Weekly* has a special ..... (**INTRODUCE**) offer – the first issue is free!
- 8 If there are aliens out there, do you think they are much more ..... (**TECHNOLOGY**) advanced than we are?