

QUALIFIED FOR LIFE: FOCUS ON SCIENCE

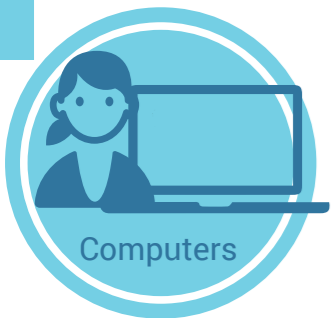
# Science takes you places

Science, technology, engineering and maths (STEM) affects us all, every day of the year, from the moment we wake up, all day long, and through the night.



Llywodraeth Cymru  
Welsh Government

[www.gov.wales](http://www.gov.wales)



Computers



Driving



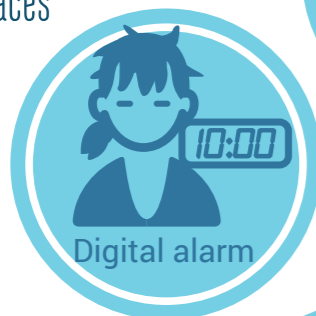
Cooking



Mobile phone



Weather



Digital alarm

## Science is all around us

**Question:** What has your digital alarm clock, the weather forecast, your computer, your family car, your kitchen utensils and your mobile phone all got in common?

**Answer:** They were all brought to you courtesy of science.

Tell your children a career in science can be fun, financially rewarding and can make a difference.

There are excellent opportunities for those who pursue a science career.

[www.facebook.com/beginsathome](http://www.facebook.com/beginsathome)

Science takes you places



# 72%

of all UK businesses rely on people with STEM skills



Where can STEM take me?  
[www.careerswales.com/en/spotlight-on-stem/](http://www.careerswales.com/en/spotlight-on-stem/)

Some of the financially rewarding careers you could enjoy if you are STEM skilled! Find out more:  
[www.careerswales.com/en/tools-and-resources/games-and-activities/subjects-and-jobs/](http://www.careerswales.com/en/tools-and-resources/games-and-activities/subjects-and-jobs/)

- |                     |                                |
|---------------------|--------------------------------|
| Aerospace industry  | Health and beauty              |
| Agriculture         | Health, medicine and dentistry |
| Animals             | Mechanical engineering         |
| Biological sciences | Nursing and midwifery          |
| Chemistry careers   | Oil and gas production         |
| Computers           | Physics careers                |
| Construction        | Plastics and polymers          |
| Engineering         | Science careers                |
| Environment         | Teaching                       |
| Film, TV and radio  | Textile industry               |
| Finance             | Vehicles                       |
| Food and drink      | Water industry                 |

1 in 5  
new jobs  
in the UK by 2022,  
will be a STEM job

Why not try these fun science experiments at home:

- Seven fun science experiments with this link:  
[www.buzzfeed.com/lewismorgan/british-science-week-listicle-1erlv](http://www.buzzfeed.com/lewismorgan/british-science-week-listicle-1erlv)
- Make your home a science lab with this link:  
[www.rigb.org/experimental](http://www.rigb.org/experimental)

### Useful links

BBC Bitesize can help you with your child's science education.

#### Ages

- 5-7 [www.bbc.co.uk/education/levels/z3g4d2p](http://www.bbc.co.uk/education/levels/z3g4d2p)  
7-11 [www.bbc.co.uk/education/levels/zbr9wmn](http://www.bbc.co.uk/education/levels/zbr9wmn)  
11-14 [www.bbc.co.uk/education/levels/z4kw2hv](http://www.bbc.co.uk/education/levels/z4kw2hv)  
14-16 [www.bbc.co.uk/education/levels/z98jmp3](http://www.bbc.co.uk/education/levels/z98jmp3)