

STEM



2018

for juniors



**WHAT IS
STEM?**

**GROWN-UPS
IN STEM**

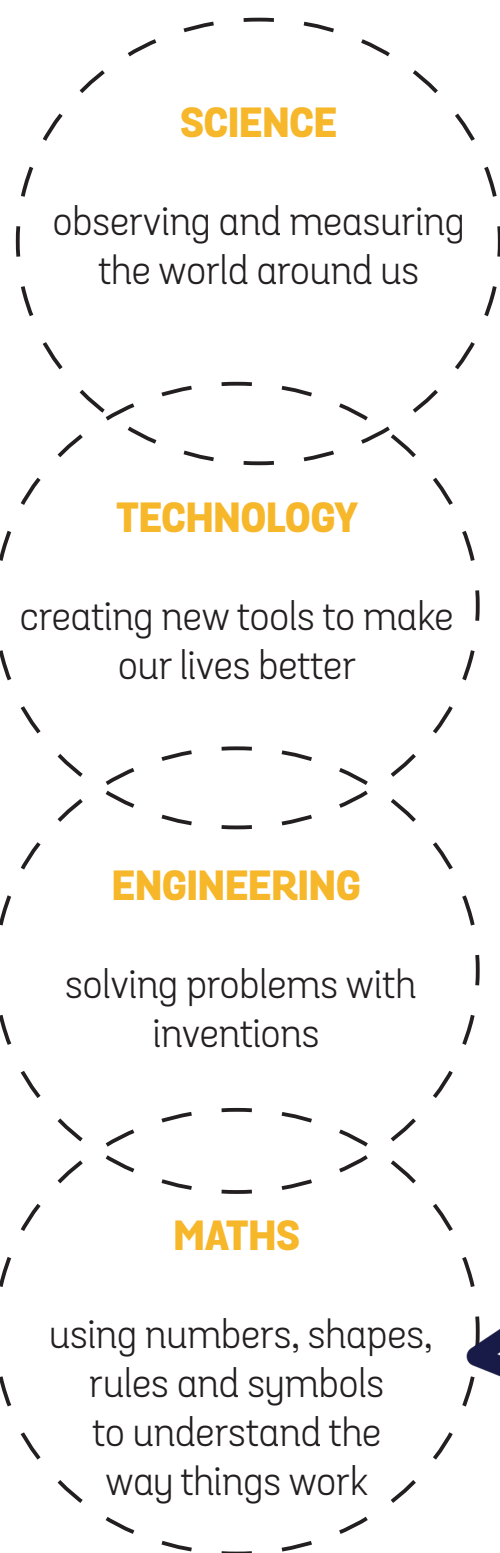
QUIZ

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WHAT IS STEM?

The letters in STEM stand for:



MAKAVO, 8 YEARS,
YEAR FOUR



- Q. What is your favourite subject in school?
A. Science and PE.
- Q. What do you want to be when you grow up?
A. I want to be a scientist and a sportsman when I grow up.
- A. What do you like about science and PE?
I find them interesting. I like science because you get to find out about new things and to build things.
- Q. What got you interested in science?
A. Daddy got me a science set, so I could see how things work. I had to wear gloves.
- Q. Do you remember any other moment that got you interested in science?
A. Reading science books. I got it from my mum. I learnt about atoms and electrons and how they make up the world.
- Q. Do any of your friends love science?
A. A few, I'd say.
- Q. Who is your favourite scientist?
A. Isaac Newton because he discovered gravity when an apple fell on his head and Einstein.
- Q. What do you think schools could do to help kids enjoy science better?
A. More fun activities.

My favourite show on TV is...
The Flash.

My favourite colour is...
I don't have one.

My favourite book is...
Dav Pilkey books – Dogman and Captain Underpants.

My favourite movie is...
Marvel movies.

My favourite thing to do is...
Play football and play on my mum's phone if she will let me.

My favourite food is...
Sushi.

My favourite toy is...
A slingshot.

GROWN-UPS IN STEM



LISA

Lisa went to a school that encouraged her to learn all about science. She loved physics and chemistry so much that after she finished her A-Levels, she went to work in a chemistry laboratory! **Would you like to work in a laboratory like Lisa?**



ANNE

Donna and Anne think that STEM role models are really important. A role model is someone special who we look up to and who we are inspired by. **Who are your STEM role models?**



DONNA



REANNA



JENNIE

Jennie and Reanna have both won amazing awards for their hard work as engineering apprentices. An apprentice learns a difficult skill while they are doing a job. **How would winning an award for your hard work make you feel?**



TINA

Would you like to learn how to code?
Coding means typing out a string of commands to tell computers and smart phones how to work. Tina thinks coding should be taught in schools, so pupils can learn a technical skill from a young age.



JENNY

Jenny would like to see more grown-ups working in STEM go into schools to talk about the jobs you can do if you love STEM subjects, like science and maths. **Do you enjoy it when grown-ups give talks in your school?**

RHIANNON, 8 YEARS, YEAR FOUR



Q. What is your favourite subject in school?
A. Maths.

Q. What do you want to be when you grow up?
A. I want to be a mathematician. I also want to be an author because I like creative writing.

A. What do you like about maths?
I like that there are different ways to solve problems.

Q. What got you interested in maths?
A. The way it was taught in school.

Q. Do you remember any other moment that got you interested in maths?
A. No. Not really.

Q. Do any of your friends love maths?
A. Most of my friends love maths.

Q. Who is your favourite role model?
A. Isaac Newton. I like how most of his time was spent thinking about why things happen.

Q. What do you think schools could do to help kids enjoy maths more?
A. Schools could provide more resources.

My favourite show on TV is...
Strictly Come Dancing. Find me in Paris.

My favourite colour is...
Blue.

My favourite book is...
Michael Morpurgo – The Flamingo Boy.

My favourite movie is...
The Orient Express by Agatha Christie.

My favourite thing to do is...
Play netball, building Lego and playing the piano.

My favourite food is...
Cauliflower cheese and Okro stew.

My favourite toy is...
Lego.

IT'S QUIZ TIME!

True or False?

a coin with seven sides can be worth both 50p and 20p.

STEP
01



STEP
02

Let's Count!

A horse has galloped for ten kilometres, how many metres has it galloped?

Make an Ice Cream

What change of state occurs when ice-cream is made?

STEP
03



STEP
04

Write a Chain

Write the following as a food chain: a slug, a cabbage, a hawk and a toad.

Did You Know?

If you breathe onto a mirror, mist appears, what is the name of the process that makes the mist appear on the mirror?

STEP
05



Answers: True; 10,000 metres; freezing, liquid to solid; cabbage > slug > toad > hawk; condensation;

GET YOUR SCHOOL INVOLVED!

Do you want to meet a STEM role model?

Do you want a STEM ambassador to give a talk in your school?

Are you interested in Science and Maths?

Would you like to experience STEM in real life?

If yes, ask your teachers and grown-ups to email us at: enquiries@forwardladies.com or write to us at: Forward Ladies, Unit 4 Carrwood Park, Selby Road, Leeds LS15 4LG

@forwardladies

