

TECH QUIZ

- 1 When was the first computer game invented?
- 2 Who was the first female game programmer?
- 3 What does UX stand for?
- 4 When was the digital computer invented?
- 5 As of 2021, what percent of the UK Tech force is female?
- 6 What does STEM stand for?
- 7 What was the first emoji ever used?
- 8 How many computer languages are there?
- 9 When was the internet created?
- 10 Which of the below are STEM jobs?

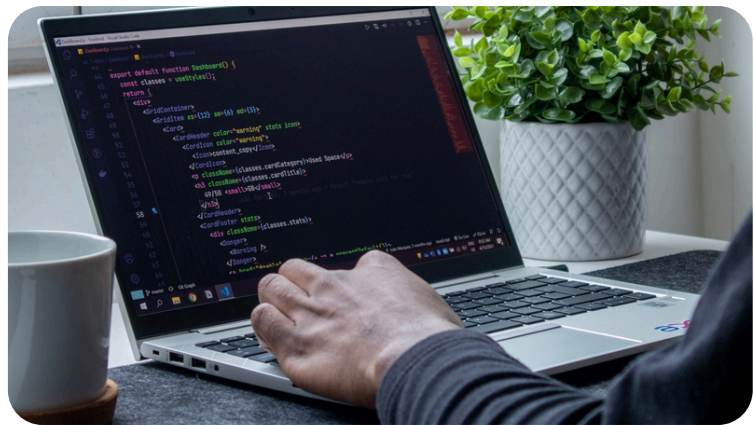
Games Designer // Music Engineer // Professional Hacker //
Web Developer

GUESS THE JOB



Match the job title to the image:

- Coder
- UX Designer
- Games Developer



A TECH THINKER

Talk through the following discussion points and jot down your key points

1. How do you think technology has changed the workplace?

.....

.....

2. How has tech made school easier?

.....

.....

3. What's the one thing you would invent?

.....

.....

TECH SOLUTIONS

In the boxes below are five challenges that people face on a day-to-day basis.

For each one, think of a way that tech has helped to change it for the better.

The COVID19 pandemic.

The NHS app

Needing help with school revision e.g., 'Having to learn from home'

Climate change, and the mission to use less fossil fuels.

World hunger

Loneliness, and the feeling of being disconnected from the world.

CODING: TRUE OR FALSE

Have a think about which of the following statements are true or false about Coding to get a taste of what you can learn on our short Coding course.

1.

Coding is...

the process of using programming languages to give instructions to a computer, which powers the daily websites, software, and applications people use.

2.

There is only one type of Coding job

3.

There are 4 types of coding:

1. Imperative
2. Functional
3. Logical
4. Object-oriented

4.

Coding is...

Boring
Not creative
Where all programme languages are the same
Being a computer expert

IWD X S.T.E.A.M

Link this person's name and bio to their picture to discover the role model.

1.

Katherine Johnson

Mathematician and Aerospace Pioneer. She calculated the path for the NASA ship that would take the first U.S. astronauts to space and was part of the team that sent the first people to the moon.

2.

Ada Lovelace

The first computer programmer, she realised that a computer could follow a series of simple instructions, a program, to perform a complex calculation.

3.

Dr. Shirley Jackson

Physicist and Inventor.

She invented technology for the telephone, coined as "perhaps the ultimate role model for women in science" by Time Magazine, President Barack Obama awarded her the National Medal of Science for her distinguished career.

4.

Sally Ride

An astronaut. She was in the first group of astronauts to include women. Sally Ride became the first American woman in space and was a member of the LGBTQIA+ Community.

A.



B.



C.



D.



Resources

Answer Sheet

Tech Quiz:

1. 1958
2. Carol Shaw
3. User Experience
4. The 1930's
5. 19%
6. Science, Technology, Engineering, Maths.
7. :-)
8. About 9000
9. 1983
10. All STEM.

Match the Role Model to the Name and Bio:

- 1.
- B**
- 2.
- C**
- 3.
- A**
- 4.
- D**

Guess the Job:

1. Games Developer
2. Coder
3. UX Designer

Coding: True or False

1. True
2. False- There are countless coding jobs, some include a computer programmer or a web developer
3. True
4. False- All false, it's creative, exciting, and you don't need to be a top-notch computer expert to code