THE QUIZ

A Parent's Guide

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" Computer science is no more about computers than astronomy is about telescopes. "

Dear Reader

Comput-ARGHHHHHHH!

Don't know your algorithms from your elbow? Think the cloud is floating in the sky? Hate printers?* Or do you love all things tech and want to share the joy? Either way, we're here to help.

Who are Bright Little Labs?

We're a group of techies and storytellers.

We make interactive stories to promote critical thinking, computer science, toilet humour and equality for ALL kids. We're active in over 30 countries, have Cabinet Office backing, and have won awards for our story-led approach to computer science. Oh, and our mums support us too.
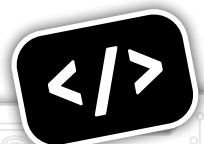
Our founder, Sophie Deen, is a former lawyer, techie and school counsellor. Sophie previously worked at Code Club, alongside Google and the Department For Education, to help introduce the new coding curriculum in primary schools. She was named Campaign Female Frontier Honouree in 2020, and one of Computer Weekly's 'Most influential Women in UK IT' in 2019, 2018 and 2017.

Together, we're on a mission to increase diversity in the STEM pipeline (that's Science, Technology, Engineering and Maths. NOT the stalk of a flower). We're living in a digital age, and everything in the digital age is built on code, so having digital skills is essential to understand the world around us. Businesses think so too. Coding is the #1 sought after skill in employees. We're proud to help kids understand how the internet works, how data is shared, and how to use technology in a safe, responsible and positive way.

Peace, love + code

Team Bright Little Labs ⚡

we do too.

THE BIG QUIZ:

Are you smarter than a 9 year old?

Now that you've learned the computer science basics, you should be able to pass the Bright Little Labs' KS2 Computing Exam with flying colours.

Name:

1. AN ALGORITHM IS...

A. A CODING LANGUAGE USED IN CERTAIN SOFTWARE

B. A SET OF STEPS OR INSTRUCTIONS THAT ACHIEVES A SPECIFIC GOAL

C. A PRETTY GREAT WORD IN SCRABBLE

2. THE INTERNET IS...

A. CONNECTED BY BIG CABLES UNDER THE SEA THAT LAST ABOUT 25 YEARS

B. RUN BY CATS

C. ACCESSIBLE TO ONLY 45% OF PEOPLE IN THE WORLD

3. CLICK FARMS ARE…

A. Places in China where workers create and send spam emails and ads

B. Places in Bangladesh where workers are paid $2 per day to 'like' social media posts.

C. Like Disneyland, but for Farmville

4. WHAT PERCENTAGE OF THE UK STEM WORKFORCE IS COMPRISED OF WOMEN?

A. 41.3%

B. 28.5%

C. 12.8%

5. HOW MUCH DO THE PARTS IN A PAIR OF £249 BEATS BY DRE HEADPHONES COST?

A. £13

B. £38

C. £72

6. WHICH OF THESE IS A LOOPING CODE?

A.

```
def kettleLoop(numMugs):
fillKettle(300*numMugs)
boilKettle()
kettleLoop(1)
```

B.

```
mug(addTeabag)
while mug(volume) < 300
mug(addWater)
end
```

C.

```
switch (numberSugars)
case 0
pass
case 1
addSugar()
case 2
addSugar()
addSugar()
end
```

7. DRAW THE INTERNET

Great work! Now go and build a tech empire.

Learn digital literacy with the Agent Asha Gift Pack

A personalised gift to inspire the next generation of coders, creators and critical thinkers.

Agent Asha teaches kids how to go undercover *(internet safety)*, design gadgets *(computer programming)*, avoid data-hungry baddies *(digital literacy)*, analyse intelligence *(fake news)* and more.

Use code CATS for **15% off**

https://shop.brightlittlelabs.com/