

Name:

Date:

KS2 Quiz

Unit title: Mars Rover 2

1 What is formed by a series of programmed pixels?

- A Music notes.
- B Computer code.
- C Mobile phones.
- D Digital images.

2 What shape is seen when you zoom in on pixels?

- A Triangles.
- B Circles.
- C Squares.
- D Hexagons.

3 What three colours make up the RGB colour mode?

- A Red, grey, blue.
- B Red, green, blue.
- C Red, green, black.
- D Red, grey, brown.

4 When red, green and blue colours crossover, what colour do they produce?

- A Yellow.
- B White.
- C Purple.
- D Pink.

5 Which is the correct order for the cycle computers use to process instructions?

- A Fetch-decode-execute.
- B Decode-fetch-execute.
- C Execute-decode-fetch.
- D Decode-execute-fetch.

6 What is a bit?

- A One unit of data that has a value of 1 or 0.
- B Lots of units of data with many values.
- C A decimal number.
- D One unit of data that has a value of 0, 1, 2 and 3.

7 What do the letters in CAD stand for?

- A Complex algorithm details.
- B Computer algorithm data.
- C Computer-aided design.
- D Complex additional data.

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8 When a file is compressed, it becomes...

A ...bigger.

B ...smaller.

C ...less stable.

D ...empty.

9 What kind of file is a JPEG file?

A An image or photograph.

B Music.

C Software.

D Video.

10 How are digital images formed? Why is it useful to have a picture as a digital image?