KS2 ICT Quiz
Graphics

Graphics are computer images. 'Graphic' means 'an image created by drawing or painting'. Computer graphics are images displayed on a computer screen. Although a screen is two-dimensional (2D), special software can create 3D graphics such as you would see in a video game.

Test yourself by taking this Graphics quiz.

1. Which of these tools would you find in a paint package (computer program)?

[ ] Pencil sharpener

[ ] Rubber / eraser

[ ] Compass

[ ] Screwdriver

2. Using a software package to create a 2D visual model of something you might create in 3D is called graphical modelling. Graphical modelling would be used for which of the following?

[ ] A plan for a new playground

[ ] A newspaper article

[ ] A poster

[ ] A database

3. What does it mean to 'rotate' an object or image?

[ ] The object is flipped so that it is displayed as a mirror image

[ ] The object is cut and pasted

[ ] The object is saved

[ ] The centre of the object stays in the same place while the object is turned

4. What does the 'crop' tool do?

[ ] It allows you to change the colour of an image

[ ] It deletes a photo or image

[ ] It allows you to select and use part of an image

[ ] It allows you to harvest your work

5. When using a word processing package, you can change a shape by adding...

[ ] colour

[ ] a thicker outline

[ ] a 'shadow'

[ ] All of the above

6. You have 'grouped' several shapes in order to make the image of a train. If you change your mind and want to edit just one of the objects, you can...

[ ] 'ungroup' and select the object you wish to edit

[ ] send the object behind the other shapes

[ ] crop the shapes you wish to keep

[ ] None of the above

7. When you add graphics to a word processing document, some images appear to go behind other images. To control this, you can...

[ ] copy and paste

[ ] delete

[ ] select 'text wrapping' from the drawing tools and choose the correct effect

[ ] give up

8. What does it mean to 'draw' using a software program?

[ ] Typing the word 'draw' into a word file

[ ] Naming your file 'Draw'

[ ] Inserting a photo or clip art into a document

[ ] Using various tools to create objects, such as shapes

9. Photos can be edited by changing...

[ ] contrast

[ ] brightness

[ ] colour saturation

[ ] All of the above

10. A 'fill' tool can fill a shape with...

[ ] colour only

[ ] colour, texture, patterns or pictures

[ ] texture and colour only

[ ] None of the above

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Graphics

1. Which of these tools would you find in a paint package (computer program)?

[ ] Pencil sharpener

[x] Rubber / eraser

[ ] Compass

[ ] Screwdriver

2. Using a software package to create a 2D visual model of something you might create in 3D is called graphical modelling. Graphical modelling would be used for which of the following?

[x] A plan for a new playground

[ ] A newspaper article

[ ] A poster

[ ] A database

The plan is a two-dimensional (2D) visual image of the new playground, which will, of course, be three-dimensional (3D) - modelling allows objects to be moved around much more easily in 2D than they would be in real life

3. What does it mean to 'rotate' an object or image?

[ ] The object is flipped so that it is displayed as a mirror image

[ ] The object is cut and pasted

[ ] The object is saved

[x] The centre of the object stays in the same place while the object is turned

You can rotate an image clockwise or anticlockwise

4. What does the 'crop' tool do?

[ ] It allows you to change the colour of an image

[ ] It deletes a photo or image

[x] It allows you to select and use part of an image

[ ] It allows you to harvest your work

5. When using a word processing package, you can change a shape by adding...

[ ] colour

[ ] a thicker outline

[ ] a 'shadow'

[x] All of the above

6. You have 'grouped' several shapes in order to make the image of a train. If you change your mind and want to edit just one of the objects, you can...

[x] 'ungroup' and select the object you wish to edit

[ ] send the object behind the other shapes

[ ] crop the shapes you wish to keep

[ ] None of the above

'Grouping' objects is helpful when you want several objects to behave as one object

7. When you add graphics to a word processing document, some images appear to go behind other images. To control this, you can...

[ ] copy and paste

[ ] delete

[x] select 'text wrapping' from the drawing tools and choose the correct effect

[ ] give up

In some word processing programs, you can also choose to send objects behind or in front of other objects

8. What does it mean to 'draw' using a software program?

[ ] Typing the word 'draw' into a word file

[ ] Naming your file 'Draw'

[ ] Inserting a photo or clip art into a document

[x] Using various tools to create objects, such as shapes

An object which has been drawn can be edited, deleted, copied or moved like any other inserted objects

9. Photos can be edited by changing...

[ ] contrast

[ ] brightness

[ ] colour saturation

[x] All of the above

10. A 'fill' tool can fill a shape with...

[ ] colour only

[x] colour, texture, patterns or pictures

[ ] texture and colour only

[ ] None of the above