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
Questions

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
[ ] 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

'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
[ ] 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