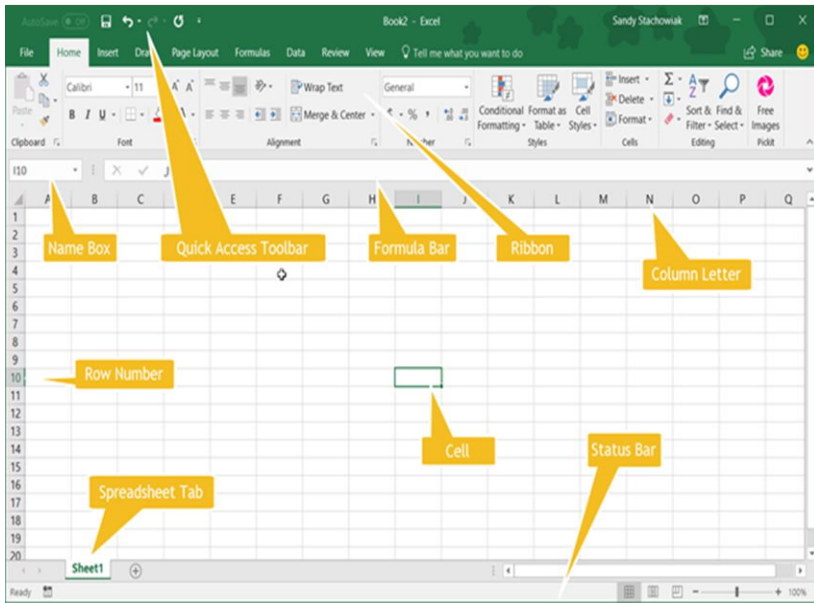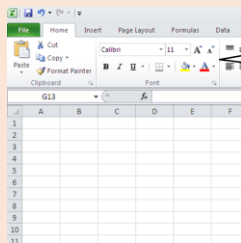| Keyword	Definition
Formatting	to organize or arrange in a certain way
Calculations	The process or result of adding, subtracting, multiplying, or dividing
BODMAS	stands for Brackets, Orders, Division/Multiplication, Addition/Subtraction
Formula	a mathematical rule written using symbols

Year 6 spy school

Quick glance overview

What do we learn?

Enter text and numbers onto a spreadsheet and apply basic formatting such as changing font, size and colour.

Apply more advanced formatting including merge and centre, word wrap and changing column widths.

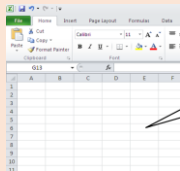Apply advanced formatting such as conditional formatting.

Create basic calculations including +, -, * and /. I can use the SUM function.

Use BODMAS in a formula, Comparison Operators and more advanced functions such as AVERAGE, MIN and MAX.
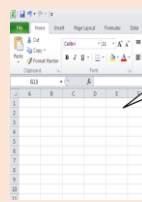
Use advanced functions such as COUNTA and some text functions. understand the difference between relative and absolute cell references.

Create a basic graph.

Familiarity with the screen

Menu Ribbon / toolbar – this is where you control the spreadsheet.

Change column widths

To change the widths of the columns, move your pointer between the column headings and drag to the correct width.

Click *BETWEEN* the column headings and drag it to the correct width.

5

Changing font and size of text

- Click on cell A1.

Change the *Font*.

Change the *size* of the text.

Calibri   11

B *I* U

Bold   *Italic*   <u>Underline</u>

Merge and centre the main title

- Highlight cells *A1 to D1* as these cells are the cells that we want to become one large cell.

	A	B	C	D
1	Spy Equipment			
2				

- Click on the *Merge & Centre* button.

Merge & Center

6

Column, row and cell
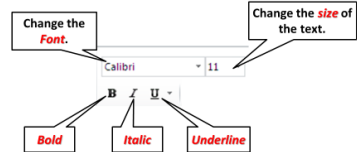

Row– These are referred to by number

Column – These are referred to with letters of the alphabet
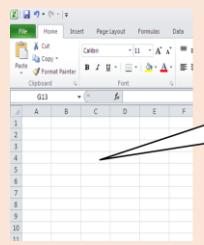
Cell – This is one box on the worksheet and is referred to by its location, for example C4

9

Year 6 Powerpoint
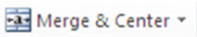
Keyword	Definition
Presentation	A piece of work is shown and explained to an audience.
Design	make or draw plans for the structure or form of.
Animation	the process of giving the illusion of movement to drawings, models, or inanimate objects
Professional	A well thought out and designed document

Key Questions:

1. How can you create a new presentation?
2. How do you type into a box?
3. How do you insert a new slide?
4. How can you change which slide you are looking at?
5. How can you add a design to your presentation?
6. How can you save your presentation?
7. How can you insert an image you have saved into your presentation?
8. How can you make the image bigger or smaller?
9. How can you rotate the image?

Ribbon
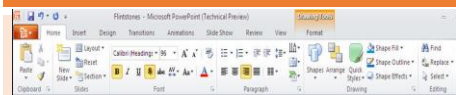
What do we learn ?

Create presentations using PowerPoint.
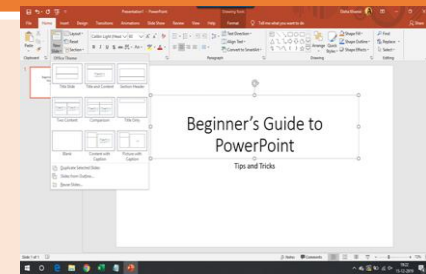You will take your own pictures and insert them into a presentation about school life.
You will apply a design and add animation to make your presentations look professional and interesting.

Pictures

Starting off, Pick your theme and layout.

Keyword	Definition
Interactive	allowing a two-way flow of information between a computer and a computer-user; responding to a user's input.
Hyper Links	A hyperlink is a word, phrase, or image that you can click on to jump to a new document or a new section within the current document

Year 6 Adventure Story

Create an interactive story

Create a basic presentation with some working buttons.

Create a working quiz with suitable messages.

Test your buttons all work correctly.

Create a complex quiz with more than two possible answers for each question.

Format the quiz effectively.

Make sure the quiz is free of errors

Planning your story

Create your slides

Hyperlinks

- Hyperlinks are ways of connecting the slides together.
- A hyperlink allows you to jump from one slide to another.
- Right-click on one of your buttons and select Hyperlink.
- Select the slide you want to link to.
- Make sure all of your buttons are linked correctly.

Remember to create a save as file straight away !

Year 6 Kodu

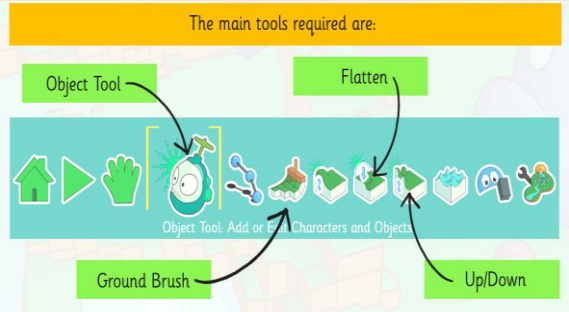| Keyword	Definition
Do	If the 'When' condition is met, then 'do' carry out an instruction
Commands	Lists of blocks joined to give a set of instruction to be followed
When	Condition that must be met for an instruction to happen
Testing	Action taken to check all elements of the game work as intended
Terrain	How the world scenery is designed

Creating worlds

The main tools required are:

Object Tool

Flatten

Object Tool: Add or Edit Characters and Objects

Ground Brush

Up/Down
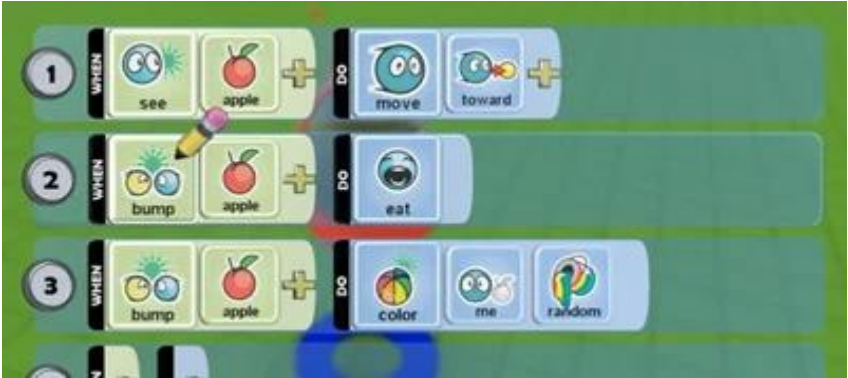
Programming Using When and Do

When something happens...   ...**do** this.

Kodu uses the idea of when and do for all of its code instructions.
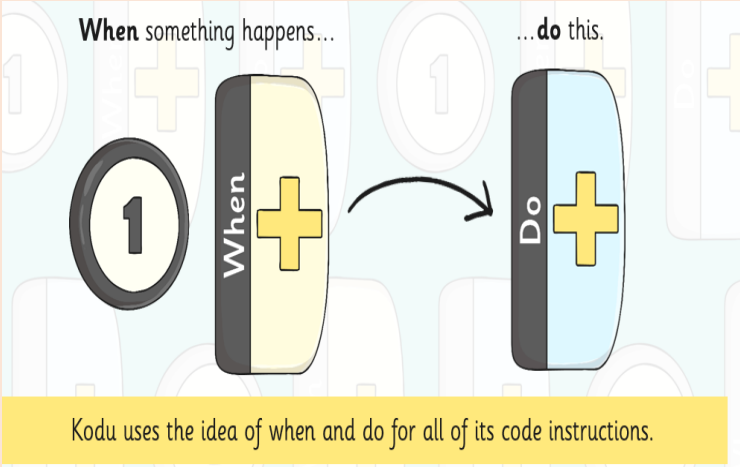
To see what the code looks like, use the Object tool then right-click on any character in a game. Select Program to view and edit the code.

Object Tool: Add or Edit Characters and Objects

Year 6 Comic strip

Shakespeare Comic Book

Keyword	Definition
Comic Book	collection of pictures, usually in chronological sequence, typically telling a single story.
Self-evaluation	to evaluate oneself or one's actions, performance or written work.
Captions	noun. a title or explanation for a picture or illustration, especially in a magazine

Who is William Shakespeare?

Where and when was William Shakespeare born?
On what date did he die?
Was he married?
What were his children called?
What is another name for his play commonly called "The Scottish Play"?

Save as !

As soon as you start create a save as file!

What are we doing ?

You are going to be working in teams to create a comic book to show the story of Macbeth.
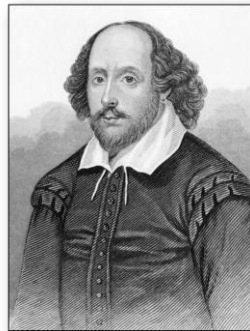You are going to plan each image you want to include in your comic book, then you are going to use digital cameras to take photographs of your team re-enacting the key moments in the story of Macbeth. Finally you will put those images together to make the comic book

Planning your comic book

You need to pick out the most relevant parts of the story so that you can show them in your comic.
Use the planning sheet to write down all the key points that you think are most relevant as you listen to the story.
There are 21 slides to tell you the story so you may want to write down a key point from each slide or you may want to arrange them in a different way. It is up to you.

Green screen

- You need to use the ipads to take the images for your comic book
- Make the images interesting by:
- Using a mixture of close up shots and distance shots
- Making sure your poses clearly show the part of the story you want to portray
- Making sure your images are in focus and the camera is held steady so that they are not blurred.

Year 6 Repeating patterns

Keyword	Definition
Repetition	the act of repeating or restating something more than once
Rotate	to turn about an axis or a center
Flip	The images appear in a different position
Version	Different images of the same type

Andy Warhol:

When and where was he born?
When and where did he die?
What is he famous for?
Use Google Images to search for images of his paintings. What do you notice about them?
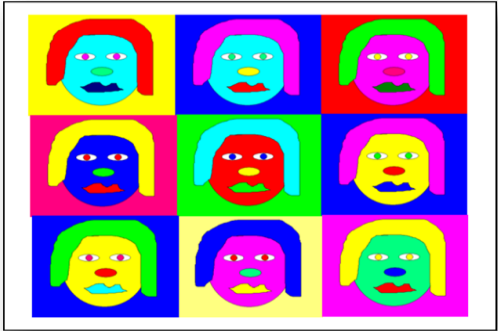
Save the image

Save the image with the name Face1
Change the colours of the face, then save it again (Save As) with the name Face 2
Repeat this process until you have 9 faces all with a variety of colour combinations.

Create a piece of art using repeating patterns.

Draw simple shapes and fill them with colours.
Save the image more than once and change the colours.
Create 9 versions of the same image with a variety of colours used and arrange them on a page to make a piece of art.
Ensure that all the images are the same size and aligned correctly.
Arrange the images to make a pleasing effect.

What to do.

Change the Canvas Size
- Drag the blue square in the bottom right hand corner to draw a smaller square canvas.
- This will make it easier when we need to put all the images together as you will not have so much wasted space around your image.

Erase the face line in the hair
Click on the Eraser Tool
Erase the face edge within the hair line. Make sure you leave no gaps in the hair line

Use the oval tool to draw the face shape.
Click on the Oval Tool
Drag on the page to draw the face shape

Fill with colour
Click on the Fill Tool
Click on the image to fill the shape with the chosen colour
Select a colour

Paint

- You are going to use a program called Paint to draw a self portrait.
- We are going to be using blocks of colour and so are only going to be using the drawing tool and the fill tool and not some of the other tools such as the spray can as this will not give us the effect we want.