1
Structure

2
Content

Question

3
Interactive

CLICK ME

iPad worksheets with Powerpoint

PDF

OVERVIEW

5 different devices all fill in a workbook with text, handwriting and drawing.

Having Mobile devices in schools offers many opportunities for worksheet and workbook design.

1. **Colour**! No need to print resources and worksheets means teachers can now afford and benefit from the full use of colour.

2. Interactive. Using Powerpoint's **"Save as PDF"** option, the finished worksheets or workbooks as **PDFs** means:

   A. All device types can read and complete the worksheets without cost

   B. Tasks can now link to other apps, videos, websites at the click of a word or picture

   C. All the PDF apps allow for a student to add additional blank pages inside the workbooks and so you have endless free paper.

# MAKING **iPAD** WORKSHEETS WITH POWERPOINT
PART 1: Structure

Dividing a task up into manageable stages makes it easier for students and easier to teach. Dividing the paperwork up visually with task numbers and task checklists helps everyone work through it.

1

TASK 1

Turning a PowerPoint slide into A4 Paper

1 Open PowerPoint & Start a new blank presentation (1,2,3)

2 Change the Page Setup to A4 Portrait (4,5,6,7)
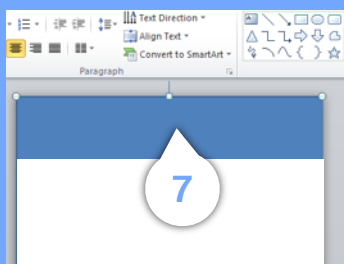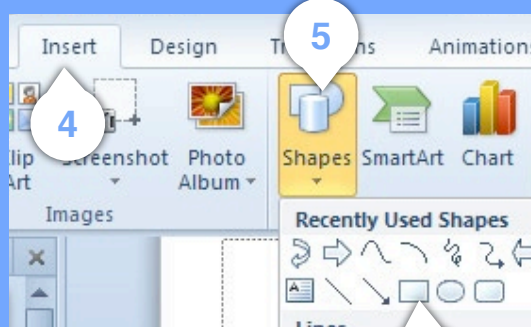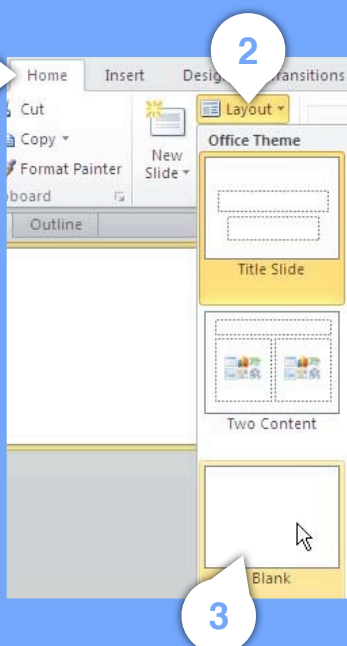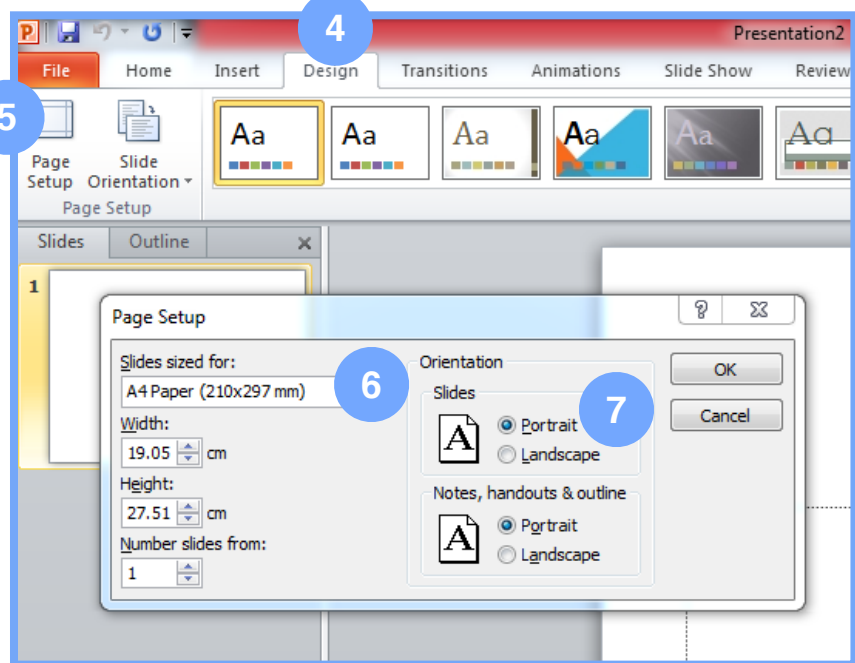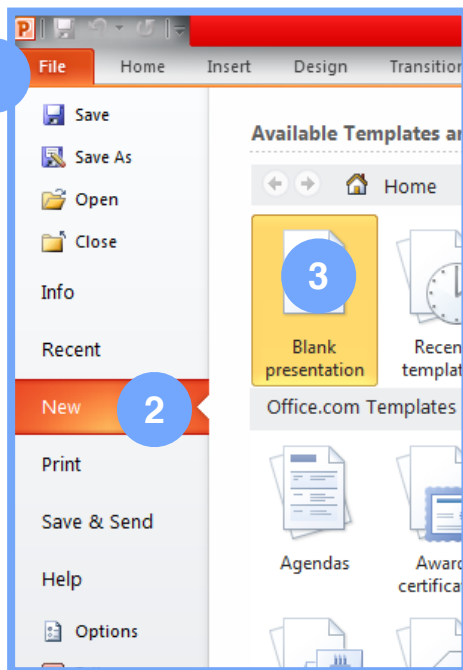
TASK 2

Dividing the Page

1 Make the layout Blank (1-3)

2. add a heading banner. (4-7)

NEED A NAME BOX
3 CTRL -Drag the banner shape to create a new one. (8)

4. Change the new shape's colour using the Home toolbar & resize as a Name box.(9-11)

TASK 3

DUPLICATING SHAPES TO DIVIDE THE PAGE
Using a Control-Drag you can use the banner shape to immediately create duplicates to divide the page up ready for your separate tasks (1)

CIRCLES STAND-OUT FOR NUMBERING TASKS
Using the "Insert" Toolbar you can add a circle shape (2)

Use the same "Shape Fill" from task 2 to change it's colour. (3)
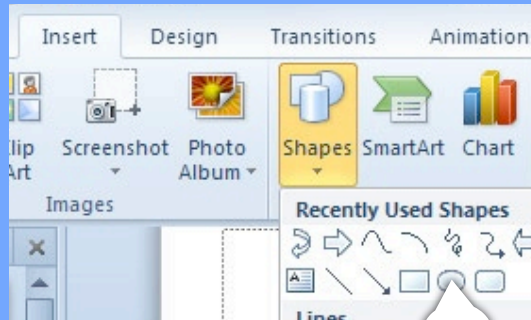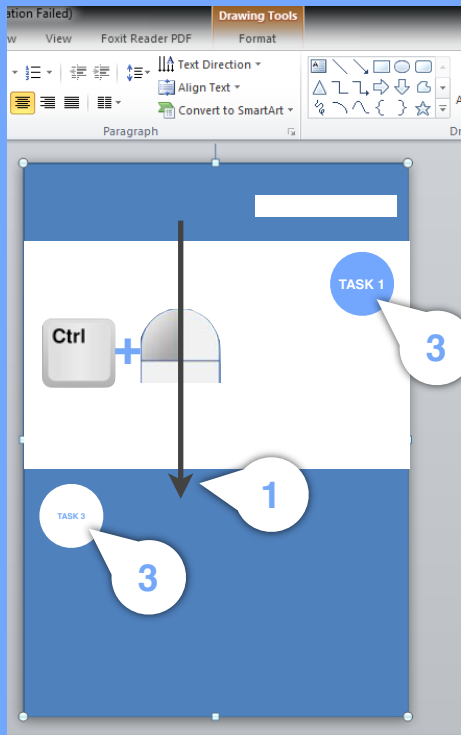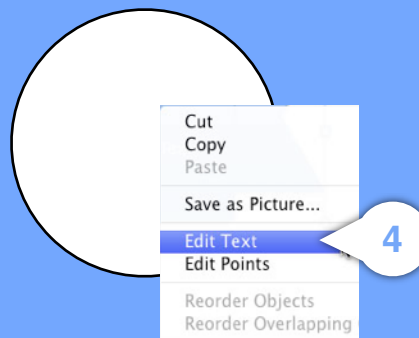
ADDING NUMBERS
To add text to a shape right-click a shape and choose edit text (4)

Cut
Copy
Paste
Save as Picture...
Edit Text
Edit Points
Reorder Objects
Reorder Overlapping

TASK 4

ADDING TEXT CONTENT
The "Text box" tool can now be used to create:
1. The Topic Title
2. The Name Label
3. The Task Title
4. The Task intro
5. A Number list of success criteria or stages

CHANGING TEXT COLOUR
The "**Home**" Toolbar has the "Font Colour" (6)

Theme Colors
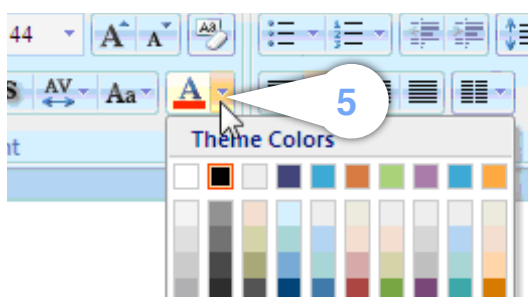
Which Font?

Use Arial for iPads

VEGETABLES   NAME:

Various cuts for different dishes

Chopping an onion is one of the most common kitchen tasks, as well as one of the easiest — assuming you know the right way to do it.

1. Do this
2. Then This
3. Then This

TASK 1

TASK 3

After the first page with it's banner heading, try to vary the way pages are divided up.
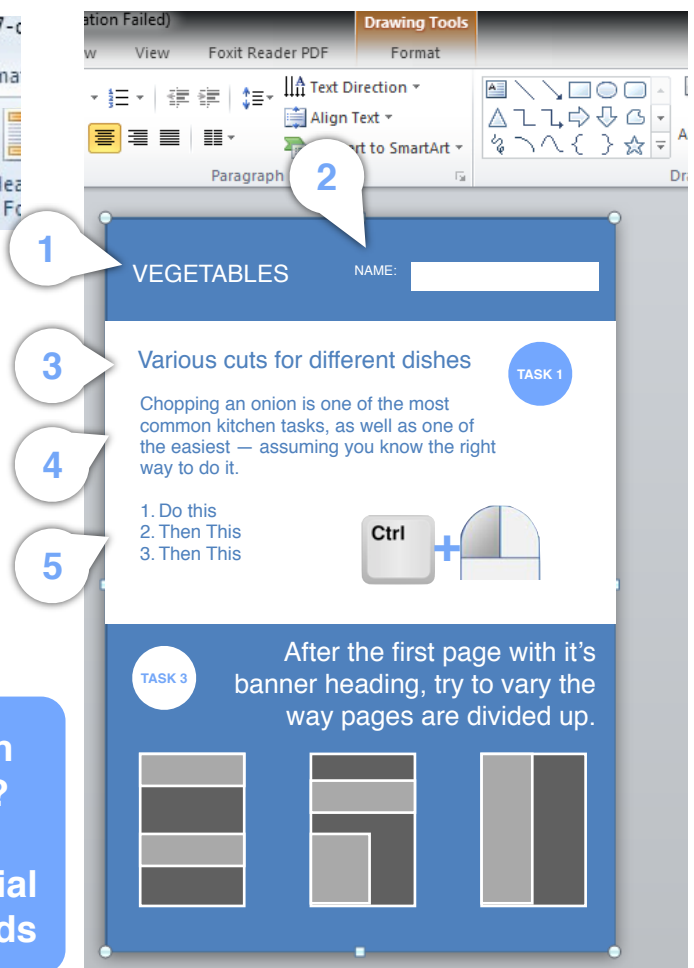
MAKING iPAD WORKSHEETS WITH POWERPOINT
PART 2: Questions, Work spaces & Images

It can be good to offer definite spaces to work and answer questions within the task areas you have allocated. Large work spaces can be drawn to allow for artistic or free-hand designing. Students will always have the option of adding new blank pages to any of your worksheets. So don't worry about restricting creativity but maintaining structure is important.

2

Adding short Questions

TASK 1

Using Control-Drag you can duplicate rectangles you've already drawn to create answer boxes and work areas.

Question 1: On a coloured area draw white boxes. Text boxes with white font for questions like this.

Ctrl +

CLICK
then
SHIFT-CLICK
to Multi-select

Control-drag to duplicate all

Question 2: Duplicate both the text box question and answer box at the same time by clicking on the answer box and holding shift down when clicking the text box. This will select both and a control-drag will instantly create a 2nd question and answer box.

1

In white areas of the page, use the Shape Outline tool on the Home Toolbar create definite work areas for longer answers or design areas,

2

3

Home

Shape Outline

Theme Colors

4

Standard Colors

Recent Colors

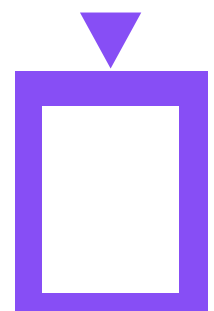1. Duplicate a white shape with control drag and enlarge.
2. Home Toolbar
3. Shape outline
4. Find your worksheet colour
5. Line Weight

5

No Outline

More Outline Colors...

Weight

Dashes

Arrows
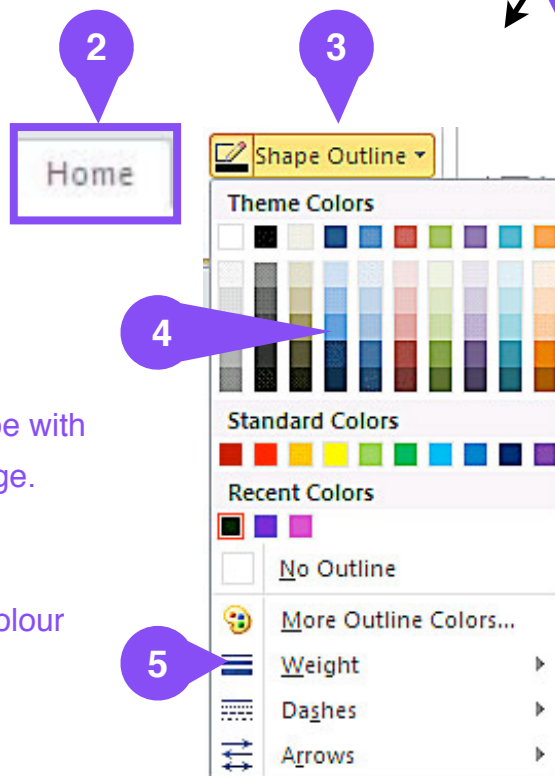
TASK 2

Adding large Questions & Work areas
This example is in a white area of the page but equally could be in a coloured area

IMAGES FOR INTEREST

If you check any magazine, images added to liven up a page rather than inform often touch at least one edge of the page. This flower and Swiss army knife show how cutting the image is the done thing.

TASK 4

IMAGES FOR LEARNING

To make it obvious that an image is to be learnt from, have it not touching an edge and whilst the photo is selected, use the Shape Outline tool on the Home Toolbar to outline it either in white on a coloured area or vice-versa.
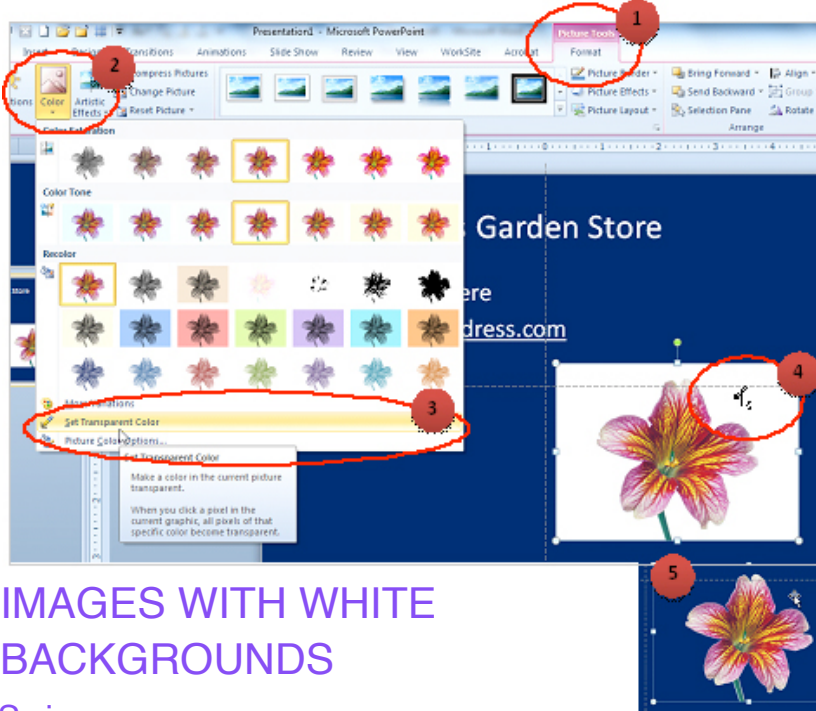
1. Do this

2. Do this

3. Do this

IMAGES WITH WHITE BACKGROUNDS

Swiss

@iPadWells   iPad4schools.org

MAKING iPAD WORKSHEETS WITH POWERPOINT
## PART 3: Websites, Videos and Extentions

3

You can quickly enrich your resources by having the worksheets link to websites and videos online. This adds more depth and allows for extention work for the gifted and extra help for the more challenedge student.
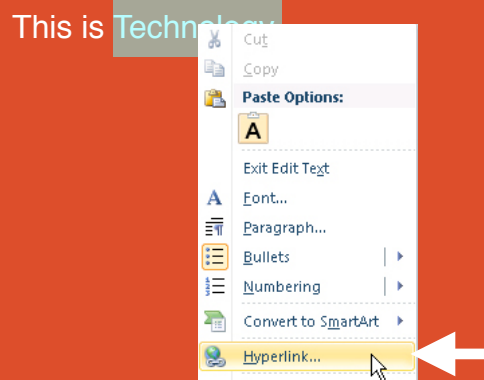
TASK 1

Linking to websites (Word-click)

When mentioning a webite resource by name you can turn the name into a link that takes the student to the website.
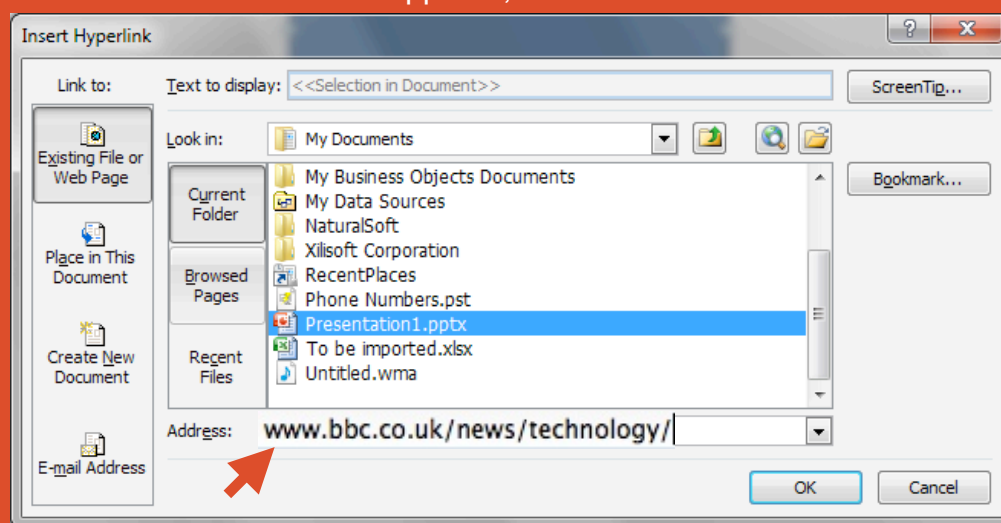
1. First visit the website and copy the address from the top address bar
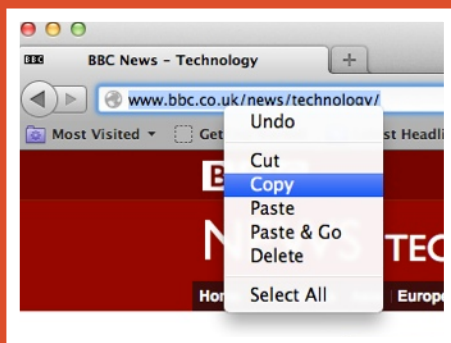
2. Highlight the word on your worksheet and Right-Click it. - Cloose "Hyperlink"

This is Technology

3. In the Address box that appears, Paste the web Address - Click OK

TASK 2

Linking to Videos (Using a Picture-click)

It is also possible to have any picture on your worksheet link to a website or video when clicked. The Process is the same as above but you copy a video address and on your worksheet, right-click a picture to Hyperlink

1. Have an appropriate picture on your worksheet to do with the website of video.

2. Visit the website or Youtube and make sure the video is playing to guarantee you have the correct address.

3. Copy the address as in Task 1

4. RIght click the picture on your worksheet and choose "Hyperlink" like in Task 1's step 2.

5. Repeat Task 1's Step 3.

Many website provide tools for creating classic teacher learning tools like wordsearches. A quick Google search for "Make a ...." will normally find websites like THIS ONE that made the wordsearch below:

The is a word search based on this worksheet on making worksheets!

```
S L Y Q W G S C B G N R C S D
T E X D K O O R N J X E O K E
U Y G C E L R I E U K R A S R
Q R J A O S N K M H G N A A E
N E I U M R I K S A C E X T B
X S R T A I L G N H U A N F M
P O W E R P O I N T E C E P U
C U L C D S S G B B V E G T N
L R I E J E Y L E J S E T C J
Q C W S D Q U Z Y J C M I S Y
K E K N I L R E P Y H N H F O
F S D I V I D E D F O T L E W
L A U S I V P S D E O R Z B V
W G C R W W W P R Y L S J M C
Q O F D E M H W N X M V Z T O
```

COLOUR
DESIGN
DIVIDED
HYPERLINK
IMAGES
LEARNING
NUMBERED
ORGANISED
PDF
POWERPOINT
RESOURCES
SCHOOL
TASKS
TEACHERS
VISUAL
WORKSHEETS

Solution

```
+ + H T O + G + + N + + + + +
+ + Y N + R + N G + + + + + +
+ + P I + + G I I I + + + + +
+ + E O + C S A M N + + + + +
+ + R P + E O A N S R T + + +
+ + L R D + G L T I E A + + +
D V I E + E + E O A S + E + +
E I N W S + E + C U + E + L +
D S K O + H + H + + R + D + +
I U + P S D E R E B M U N + +
V A + K + R R E S O U R C E S
I L R + S + + + + + + + + + +
D O + + + F + + + + + + + + +
W S C H O O L D + S K S A T +
+ + + + + + + P + + + + + + +
```

... but I remembered to copy the answer.

You might need to screenshot the answer on some sites.

There is a "Print Screen" button on your keyboard which photographs the whole screen into the computer's memory.
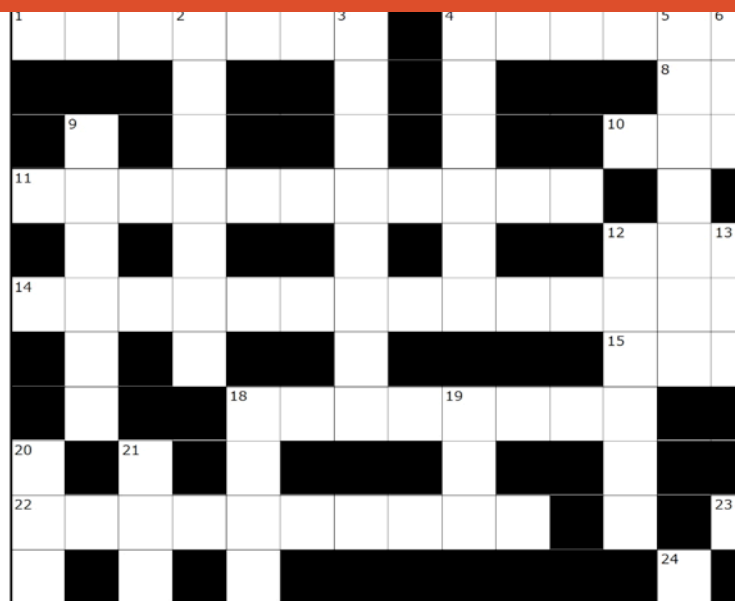
Opening Microsoft Paint and choosing EDIT / PASTE will allow you to save the answer as a picture.

Crossword Labs (**Click Here**)

This website gives you an online crossword that the students could fill in on the device itself.

But sites like this: **EDHELPER** have crossword generators that you can copy and paste into your worksheets.

MAKING iPAD WORKSHEETS WITH POWERPOINT
PART 4: Saving and publishing

To make your worksheet accessible to all device types, the PDF file format must be used. This keeps the links clickable and the correct apps will allow all students to type, write and draw on the worksheets.
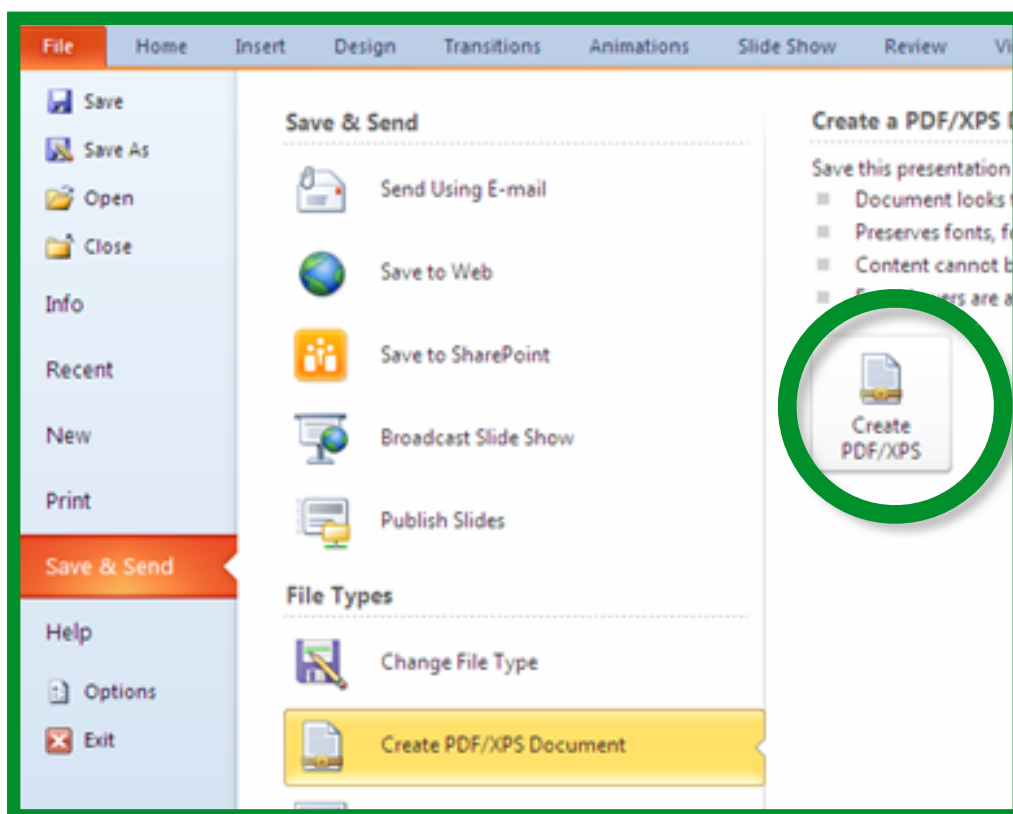
4

SAVE TWICE!

1. SAVE AS PDF (FOR THE STUDENTS)
Under the FIle menu, the Save & Send option has a Create PDF option.
The normal Save As option will also allow you to change the FIle Type to PDF rather than keeping it as Powerpoint.

2. SAVE AS POWERPOINT (FOR TEACHERS)
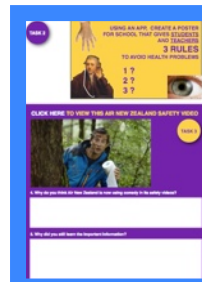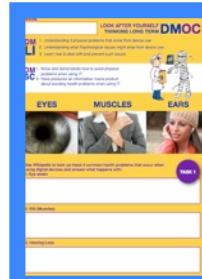You still "save as" Powerpoint for future changes and edits.

3. UPLOAD THE PDF (Not the Powerpoint)

When giving out the PDF worksheet, use you Learning Management system or school website to hold the PDF versions for use on Mobile devices.

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Teaching with Devices: Step 1
PDF WORKSHEETS

All computers (Mac & PC) can save Word files and PowerPoints etc. as PDF documents.

PDFs are universal to all devices

DEVICES IN PHOTO
Macbook   HP Windows PC
iPad   Android tablet
iPod Touch

ALL USING FREE APPS !

I make sure the worksheets have clear areas to draw or type information and answers

FREE PDF APPS (Click app name for link)

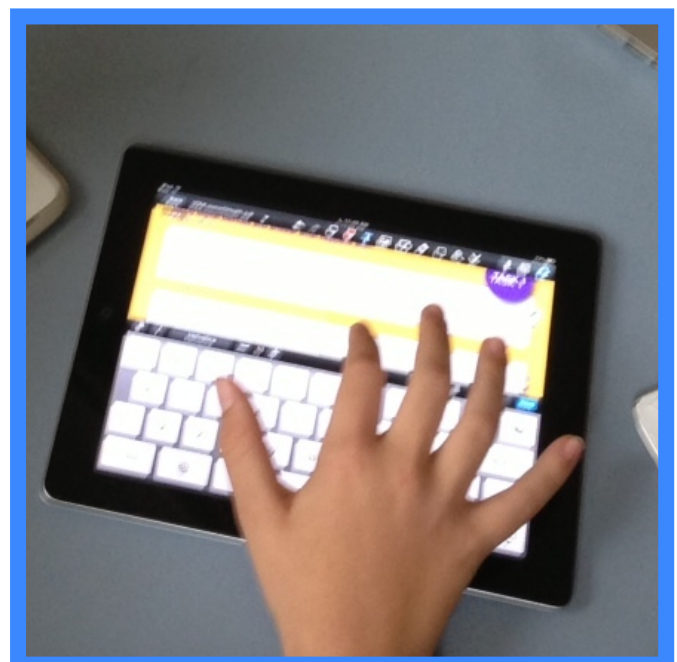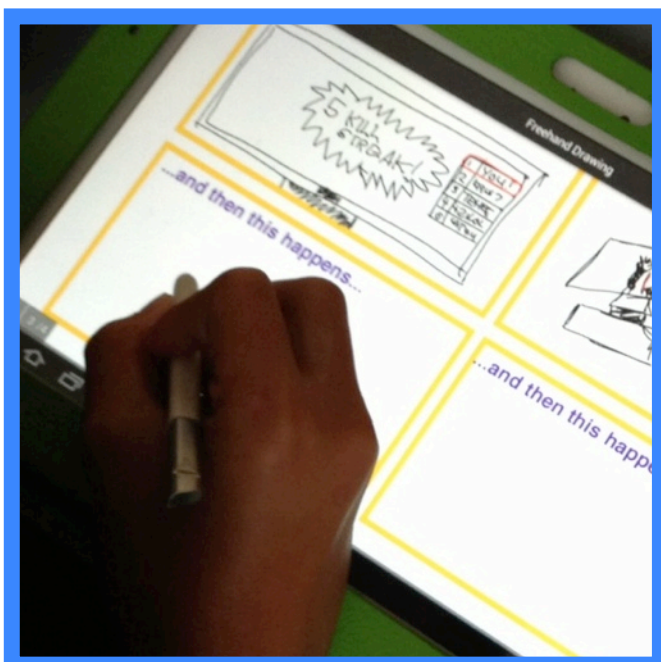| MAC	WINDOWS	iPad	Android	iPod Touch
Preview (Pre-installed)	Foxit Reader	1. Adobe Reader 2. DocAs Lite	Adobe Reader	Adobe Reader

On all Devices, students can:
FREE HAND DRAW

TYPE TEXT

NAME

OC Y10 Design Technology

BOOMERANG

Situation

A new House competition has been suggested where you have to compete with something you've made yourself. As a trial, we are going to have a Boomerang throwing competition, where you have to catch your own boomerang for a big prize. But only if you choose to work Good Workshop Skills, Listen to instructions and always, ALWAYS – Bring your iPad, and SHOES!

Brief

Research the best design for a Boomerang and make it with the following demands:

You Research how the work
You minimise waste material
You develop the best Template
Working Safely, Following Health and Safety Regulations

Specifications

1. It must fly for 10 metres
2. It should be well made
3. Function as intended
4. Look aesthetically pleasing

... to be continued.

1

RESEARCH FOCUS:
1. Where and why they are used?
2. The difference between a throwing stick and a boomerang.
3. Why they return.
4. The basic principles of wing design.
5. The making of a modern boomerang.

WRITE YOUR ANSWERS ON THE NEXT PAGE

RESEARCH

YOUTUBE VIDEO

howstuffworks

WIKIPEDIA
The Free Encyclopedia

2

RESEARCH

1. Where and why they are used?

2. The difference between a throwing stick and a boomerang.

3. Why they return.

4. The basic principles of wing design.

5. The making of a modern boomerang.

Specifications
...continued

My research has told me that a boomerang :

Must ...

Should ...

Could ...

Concepts

Sketch & Annotate 2 boomerang concepts in the grid below:
Zoom in on the iPad screen to help with sketching.
Annotate why your boomerang will fly.

Minimising Waste

Sketch out your chosen design on these pieces of plywood to minimise the amount of wasted wood.

Tool Time

What you need to know.

YOUR OWN PAPER TEMPLATE

SCISSORS

SAND PAPER

BANDSAW

SAND PAPER BLOCK

Preparation Marking out

Band Saw Safety Rules

Eye and ear protection	Blade guard (bearing) max of 5mm above work
Always keep fingers 8cm from the blade.	Check the blade tension and tracking before starting.
Wood must be flat	Keep a balanced stance.
Never clear small pieces while the blade is moving.	Never use your thumbs to push toward the blade.
Never back out of a curve cut while the machine is running.	

Preparation Part 2...

Complex curve cuts need to be comb cut first.

Preparation Part 3...

Finishing ABORIGINAL DESIGNS

TESTING

Boomerang throw ...

EVALUATION
HOW WELL DID IT FLY?

WHAT COULD IMPROVE YOUR BOOMERANG?

FUN STUFF

BOOMERANGS

CLICK FOR WORKSHOP QUIZ

Take a screenshot if you get all the questions right!!

Example Worksheet includes:

Clickable Web Links
Free hand Design pages
Fixed questions
Open questions
Word Searches

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iPad4Schools.org