

Reducing Software Costs Through The Use Of Open Source And Free Software Without Reducing Educational Outcomes



James Abela



www.jamesabela.co.uk

The Open Source Problem!

“Advertising is a valuable economic factor because it is the cheapest way of selling goods, particularly if the goods are worthless.”

Sinclair Lewis





ecide



nalysing



esting



nvestigation

I nvestigation

I T A D



Don't know it's there...



OSALT

www.osalt.com



Open Source Living

<http://osliving.com/>



Starter List

www.jamesabela.co.uk



Open Source No Brainers



Sweet Home 3D®



GNU Cash



Pencil



LibreOffice
The Document Foundation



paint.net



Commercial Giveaways



Google Earth



XMind



Google Sketchup



Kodu



Cartoon Story Maker



Programming Giveaways



Microsoft Dreamspark



Blender





There's more!



Best Free Software 2010,
Expect 2011 list in March...



Great list of freeware...

...And don't forget the Mac App Store
and repositories in Linux distributions!

Testing

I

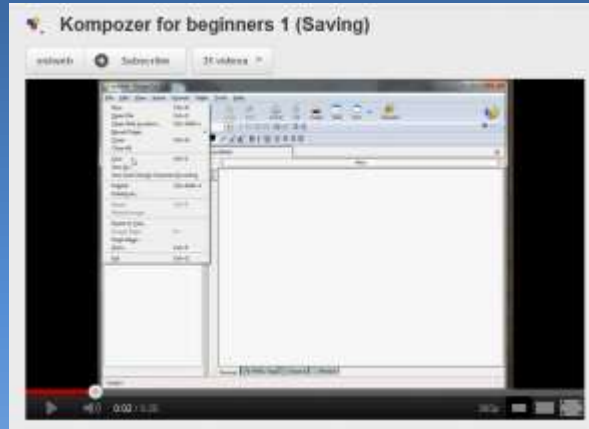
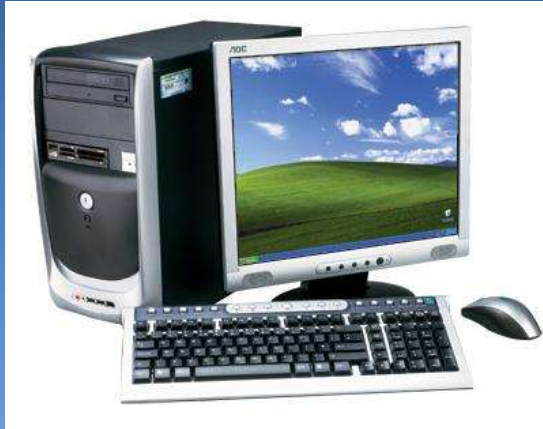
T

A

D



Software Piloting



1

Test PC

2

Find FAQs

3

Features

T

Test PC Setup

A Test PC enables you to test out software in a safe environment



Where it
can be tried



Event



Usable?



Ok on
network



FAQs & Tutorials



App Website



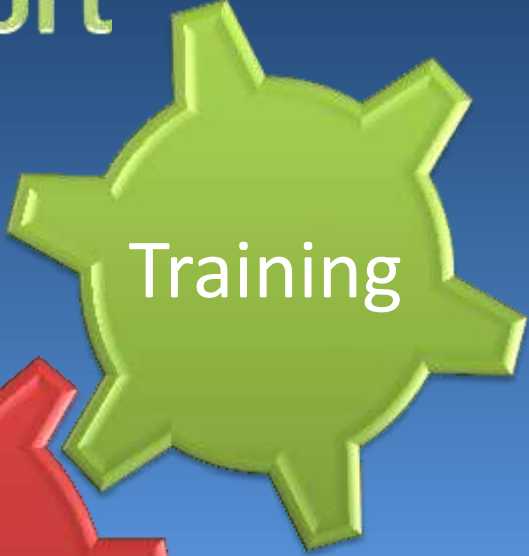
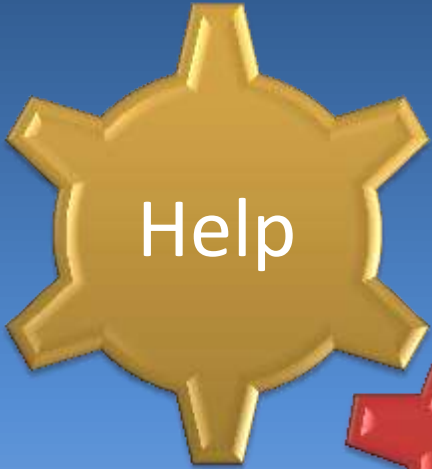
YouTube



TES Resources



Test Report



A analysis

I

T

A

D



Matching – Better than!



A

No Money...Old PCs



7 Year old PC

£0 software cost

semi-competent technician to install

A

Feature Comparison



Open Office has built in drawing program



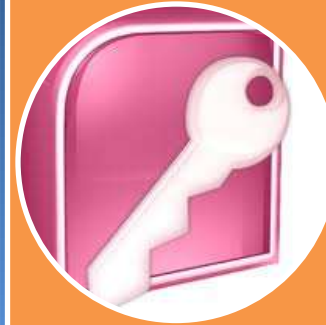
Graphs look better in MS Office



Useful Ref. tools



better graphics and anim.



Access easier to use

A

Learning Outcomes Affected

Feature

has better graphics editing and animation facilities

GCSE Business

Basic requirements, limited use of presentation for in-class use.

GCSE ICT

Could hurt time to production & final look of presentation

Decide

I

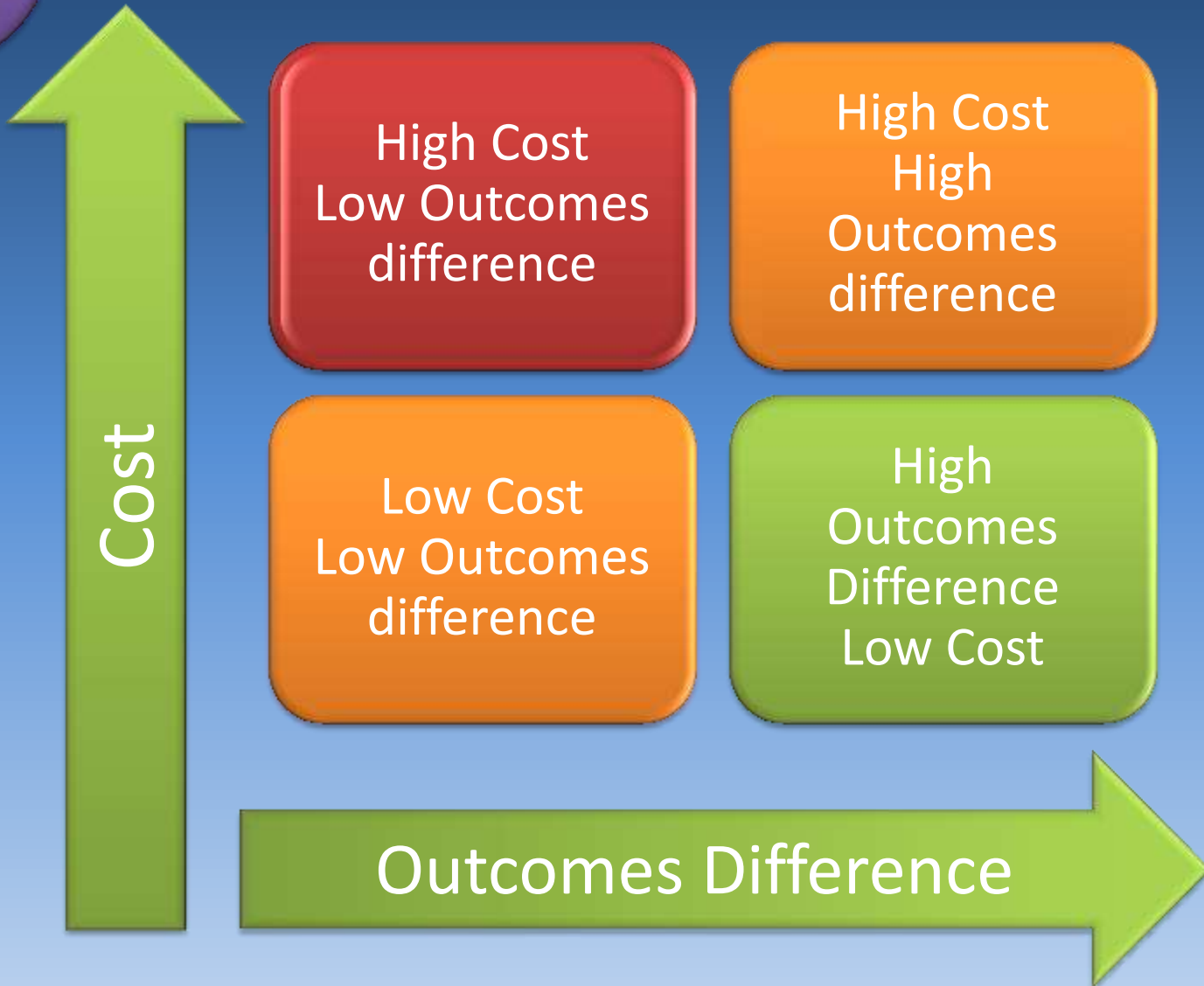
T

A

D

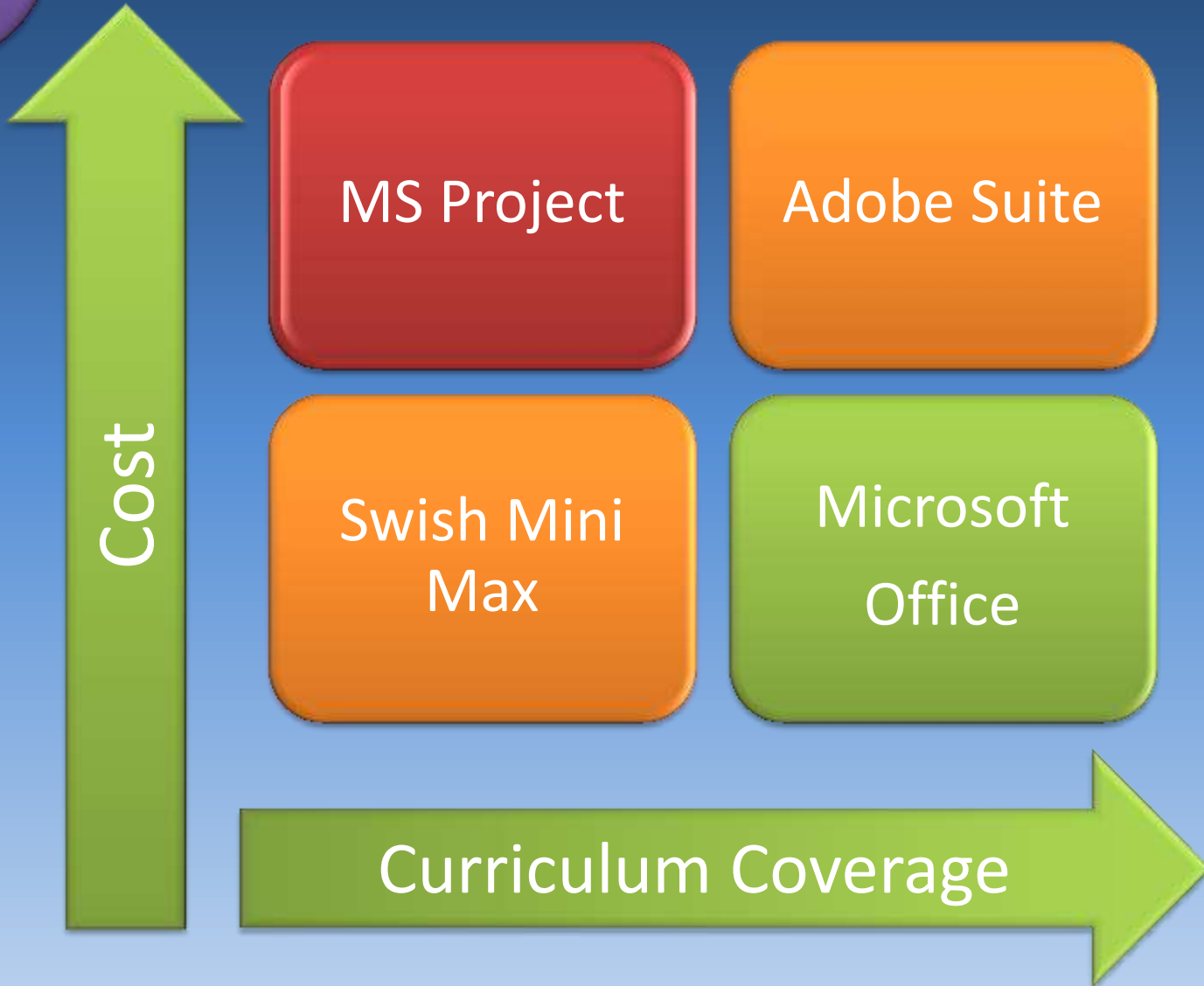
D

Features Difference



D

Features Difference



D

Formula For Purchasing

$$\text{Software Priority} = \frac{\text{Learning Outcomes Affected}}{\text{Software Cost}}$$

1 – Not many outcomes affected 5 – Greatly affected

1 – Not very expensive (Less than £50) 5 – Very Expensive

Complete Framework

Software Package	Free Equivalent	Feature Differences	Learning Outcome Differences	Software Cost	Score
------------------	-----------------	---------------------	------------------------------	---------------	-------

Software Package	Free Equivalent	Feature Differences	Learning Outcome Differences	Software Cost	Score
------------------	-----------------	---------------------	------------------------------	---------------	-------

Complete Framework

Software Package	Free Equivalent	Feature Differences	Learning Outcome Differences	Software Cost	Score
Microsoft Office	Libre Office / Open Office	Animation, Quick Graphics processing,	5	1	5
Swish Mini Max	Scratch	Generates Flash & More animation affects. However Scratch allows quick development of games	1	1	1
MS Project	Gantt Project	More features for larger projects	1	4	0.25
Adobe Suite	Kompozer, The GIMP, Inkscape, Scratch	Quicker to process images, support for latest html commands & templating	5	5	1

Software Order Form

1. Software Package
2. Best Price
3. OSALT search result
4. Why the free equivalent is not sufficient
5. How learning outcomes are affected

Software Order Form			
Software Package			
Osalt.com recommendations			
Free Software deficiency			
Learning Outcomes Affected			
Price			
Site License / Indiv. Licences	Qty	Price	Total

Investigation

- Open Source
- Free Giveaways

Testing

- Test Machine
- Documentation
- Tutorials

Analysing

- Feature Differences
- Learning Outcomes Affected

Decide

Software Order Form			
Package:			
My recommendations:			
Vendor/Company:			
Customers Affected:			
Qty / Indiv. License:	Qty	Price	Total



Any Questions?

I

T

A

D

www.jamesabela.co.uk