

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



James Abela

www.jamesabela.co.uk



~~£7327.56~~



Illustrator	£500
Dreamweaver	£381.26
Sibelius	£404.79
MS Project Professional	£784.03
Cinema 4D Studio Bundle	£2,321.33
Camtasia	£193.79
Mind Manager	£358
Photoshop	£546.67
Flash	£124.61
Autocad	£ 1,292.12
Grand Designs 3d	£79.99
Microsoft Office	£341.07

Prices at Amazon.co.uk 19 December 2011

£1321.76



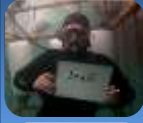
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Autodesk Premium	£300
Photoshop	£546.67
Flash	£124.61
Sibelius	£80
Autocad	£2,092.12
Grand Designs 3d	£79.99
MS Project	£80
Microsoft Office	£341.07
Microsoft Office	£40
Cinema 4D	£279

- Camstudio
- Scratch
- Kompozer
- The GIMP
- Inkscape
- Libre Office
- Gantt Project
- Sketchup
- Sweet Home 3d
- Musescore
- Blender
- Free Mind

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



I nvestigation
T esting
A nalyzing
D ecide

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











Commercial Giveaways



Google Earth



XMind



Google Sketchup



Hot Potatoes



Kodu



Cartoon Story Maker

I Programming Giveaways



Microsoft Dreamspark



Blender



I 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!

I T esting

I T A D

T 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



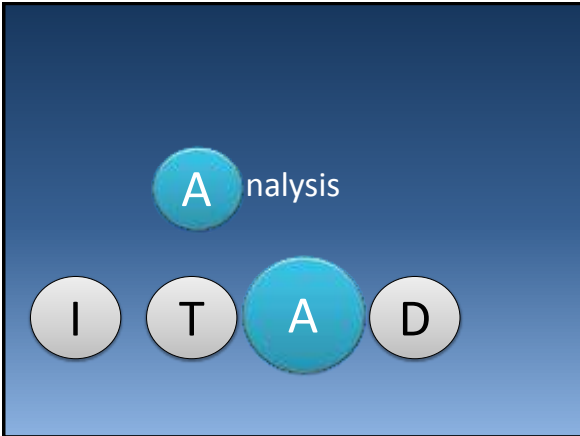
Where it can be tried Event Usable? Ok on network

T FAQs & Tutorials




App Website YouTube TES Resources












A No Money...Old PCs



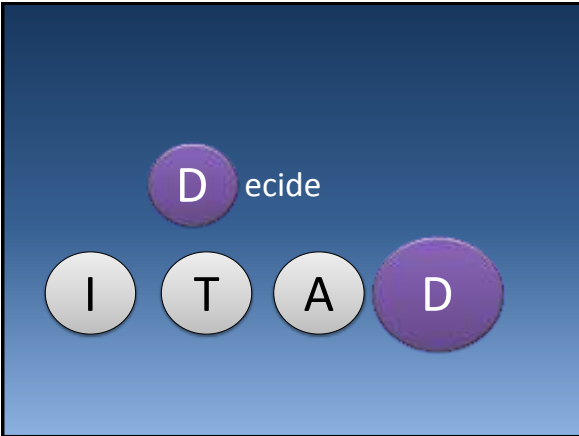
7 Year old PC
£0 software cost
semi-competent technician to install

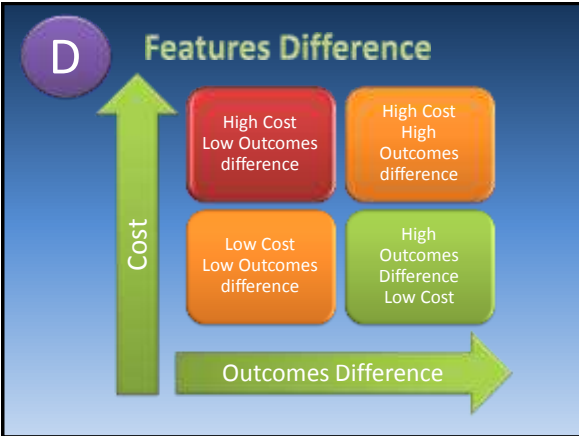
A Feature Comparison

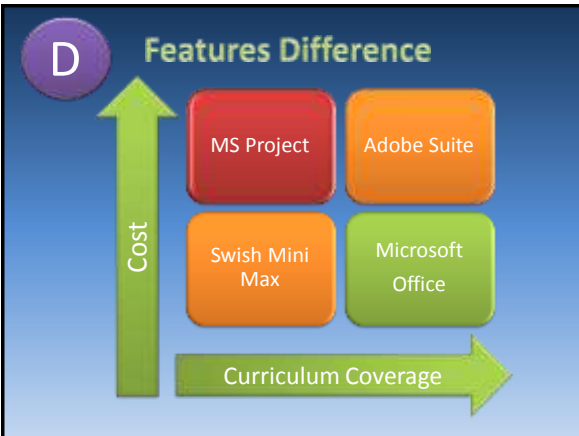
 <p>Open Office has built in drawing program</p>	 <p>Graphs look better in MS Office</p>	 <p>Useful Ref. tools</p>	 <p>better graphics and anim.</p>	 <p>Access easier to use</p>
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A Learning Outcomes Affected

Feature	GCSE Business	GCSE ICT
has better graphics editing and animation facilities	Basic requirements, limited use of presentation for in-class use.	Could hurt time to production & final look of presentation







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
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Complete Framework

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