

## Bibliography

Date of Access	Reference	Format	Name/title of source	Author's name	URL/ ISBN	Publication information (City, company, date)	Page and Chapter	Purpose of information
25/04/2016	<a href="#">0001</a>	Book	"Great Principles of Computing"	Denning, Peter J. Martell, Craig H.	978-0262527125	The MIT Press Massachusetts Institute of Technology Cambridge, Massachusetts	Chapter 1 Page 1-13	Used to define the Great Principles of Computing, to aid my own definition of a computational approach.
04/05/2016	<a href="#">0002</a>	Webpage	"Too Much Time Online"		<a href="http://ikeepsafe.org/be-a-pro/balance/too-much-time-online/">http://ikeepsafe.org/be-a-pro/balance/too-much-time-online/</a>	iKeepSafe, Copyright 2011-2016		Used for the statistic of average time that students spend online.
13/05/2016	<a href="#">0003</a>	Webpage	"Things to think about before designing a survey"	Marion Kuipers	<a href="https://www.ucl.ac.uk/isd/services/learning-teaching/elearning-staff/core-tools/opinio/survey-design-ideas">https://www.ucl.ac.uk/isd/services/learning-teaching/elearning-staff/core-tools/opinio/survey-design-ideas</a>	University College London, Gower Street, London, WC1E 6BT Copyright © 2016 UCL		While looking for trustworthy sources of information for the design of a paper-based survey, I came across a UCL page about digital surveys.
13/05/2106	<a href="#">0004</a>	PDF Report	"Practical Assessment, Research & Evaluation"	Elizabeth Fanning	<a href="http://pareonline.net/getvn.asp?v=10&amp;n=12">http://pareonline.net/getvn.asp?v=10&amp;n=12</a> 1531-7714	The University of Virginia	Volume 10 Number 12, August 2005	To aid with no only the design, but the review and analysis of recorded results.
16/05/2016	<a href="#">0005</a>	Webpage	"Exam stress"	The University of Leicester, Study and exams resources	<a href="http://www2.le.ac.uk/offices/ld/resources/study/exam-stress">http://www2.le.ac.uk/offices/ld/resources/study/exam-stress</a>	The University of Leicester		To explore just how common exam stress is in students, to show it as a major factor to what is affecting the idea of education being fun.
16/05/2016	<a href="#">0006</a>	Webpage	"Tests + Stress = Problems For Students"	Daniel Edelstein	<a href="http://brainconnection.brainhq.com/2000/07/12/tests-stress-problems-for-students/">http://brainconnection.brainhq.com/2000/07/12/tests-stress-problems-for-students/</a>	BrainConnection.com		To explore the link between stress and exams- this was then used to aid the decision on how to reinforce learning in my project, no type of quiz will be used.
16/05/2016	<a href="#">0007</a>	Online Article	"Students and depression: the struggle to survive"	Simon Hattenstone	<a href="http://www.theguardian.com/education/2013/mar/23/student-suicide-depression-debt-recession">http://www.theguardian.com/education/2013/mar/23/student-suicide-depression-debt-recession</a>	<a href="http://www.theguardian.com/education/">www.theguardian.com/education/</a>		Although it focuses on university students, I wanted to see what the long term effects a 'lack of fun' would have on students. This helps me to push the need to be able to not only promote the importance of fun and enjoyment in education, but the importance of doing subjects you enjoy as well.
16/05/2016	<a href="#">0008</a>	Webpage	"Teen Depression"	clinical-depression.co.uk	<a href="http://www.clinical-depression.co.uk/dlp/depression-information/teen-depression/">http://www.clinical-depression.co.uk/dlp/depression-information/teen-depression/</a>	Uncommon Knowledge Ltd, Boswell House, Argyll Square, Oban, Argyll, Scotland, UK, PA34 4BD Copyright © 2001-2016 Uncommon Knowledge Ltd. All rights reserved.		While I did some research on student depression- I didn't have anything that applied to my target audience. This was the result of additional research; it does mention that exams are a cause.
16/05/2016	<a href="#">0009</a>	Webpage	"Teenage depression"	mumsnet	<a href="http://www.mumsnet.com/teenagers/depression">http://www.mumsnet.com/teenagers/depression</a>	Mumsnet Limited. Registered in England and Wales. Registration No 03951486 Registered Office: Studio 6, Deane House Studios, Greenwood Place, Highgate Road,		While I did some research on student depression- I didn't have much that applied to my target audience. This was the result of additional research; it does mention that exams are a cause.

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						London NW5 1LB		
16/05/2016	<a href="#">0010</a>	Webpage (Online Game)	"Energy Quest"	Channel4learning	http://www.channel4learning.com/sites/sos/energy.html	Channel4		Used as an example of an educational game that is more game than educational.
16/05/2016	<a href="#">0011</a>	Webpage (Online learning resource)	"Teaching and Learning Resources for KS2 (ages 7-11) from Diane Hawkins"	Diane Hawkins	http://www.teachingandlearningresources.co.uk/resourcessavetheearth.shtml	Copyright © 2002 to 2011 Diane Hawkins All rights Reserved.		Used as an example of an educational game that is more education than game.
17/05/2016	<a href="#">0012</a>	Online game, part of a game host site.	The Company of Myself (Host site: Kongregate)		http://www.kongregate.com/games/2DArray/the-company-of-myself			Used as an example of a 2D platformer that I hold in very high regard, it has been used to further explain the game type.
17/05/1016	<a href="#">0013</a>	Online game, part of a game host site.	BBC Bitesize: Questionaut		http://www.bbc.co.uk/bitesize/ks2/games/questionaut/	BBC © 2014 The BBC is not responsible for the content of external sites. Read more.		Used as an example of an educational game I felt was done right.
17/05/2016	<a href="#">0014</a>	Webpage (Online learning resource)	Teach ICT	Debbie Jones	http://www.teach-ict.com/	Teach-ICT.com Limited Registered Office: Swn Y Tonnau, 28 Heol Y Bryn, Harlech, Gwynedd, LL46 2TU Registered at Cardiff Company Number: 07015192		The features of the webpage were analysed for its use of computational features and how it used them as an educational material.
20/05/16	<a href="#">0015</a>	Educational Book	Questions & Answers: Earth and Space	Anita Ganeri John Malam Clare Oliver Adam Hibbert	1-40543-744-8	Copyright© Parragon 2001 Parragon Queen Street House 4 Queen Street Bath Ba1 1HE, UK		The presentational and communicational features of this book were analysed to see how a book for a younger audience deals with education.
20/05/16	<a href="#">0016</a>	Encyclopaedia	The Illustrated Encyclopedia of Animals	Marshall Cavendish	0-86307-200-3	©Marshall Cavendish Limited 1975-84		The presentational and communicational features of this book were analysed on the use of images as the primary feature of an educational resource.
21/05/16	<a href="#">0017</a>	Educational Guide (book)	The Concise Human Body Book	Van Wallach	978-1-59223-376-7	Text copyright © becker&mayer!, 2005 Cover and interior illustrations © becker&mayer!, 2005		
22/05/16	<a href="#">0018</a>	Educational Book	Uncover Cobra	Steve Parker	978-1-4053-4041-0	This edition copyright © 2009 Dorling Kindersley Limited 80 Strand, London WC2R 0RL		
22/05/16	<a href="#">0019</a>	Text Book	Edexcel GCSE Science: Science Student Book	Mark Levesley (Author), Penny Johnson (Author), Mr Aaron Bridges (Author), Ann Fullick (Author), Richard Grime (Author), Miles Hudson (Author), Mrs Susan Kearsey	978-1-84690-889-7	Pearson limited, Edinburgh gate, Harlow, Essex, CM20 1JE Registered company number: 872828		I used the GCSE science books to analyse how the education system teaches science to its students.

Date of Access	Reference	Format	Name/title of source	Author's name	URL/ ISBN	Publication information (City, company, date)	Page and Chapter	Purpose of information
				(Author)				
22/05/16	<a href="#">0020</a>	Text Book	Edexcel GCSE Science: Additional Science Student Book	by Mark Levesley (Author), Penny Johnson (Author), Mr Aaron Bridges (Author), Ann Fullick (Author), Richard Grime (Author), Miles Hudson (Author), Mrs Susan Kearsey (Author)	978-1-84690-883-5	Pearson limited, Edinburgh gate, Harlow, Essex, CM20 1JE Registered company number: 872828		I used the GCSE science books to analyse how the education system teaches science to its students.
22/05/16	<a href="#">0021</a>	Text Book	Edexcel GCSE Science: Extension Units Student Book	by Mark Levesley (Author), Penny Johnson (Author), Mr Aaron Bridges (Author), Ann Fullick (Author), Richard Grime (Author), Miles Hudson (Author), Mrs Susan Kearsey (Author)	978-1-84690-886-6	Pearson limited, Edinburgh gate, Harlow, Essex, CM20 1JE Registered company number: 872828		I used the GCSE science books to analyse how the education system teaches science to its students.
23/05/16	<a href="#">0022</a>	Webpage	"How to Write a Business Proposal"	Ruben Gamez (That is the name the article was written under)	<a href="https://blog.bidsketch.com/articles/how-to-write-a-business-proposal/">https://blog.bidsketch.com/articles/how-to-write-a-business-proposal/</a>	Copyright © 2015 Bidsketch.		After seeing the task to make a client proposal, I wanted to make sure I knew what making a proposal entitled, this site made it clear that I was right in my interpretation.
23/05/16	<a href="#">0023</a>	Online Article	"7 Steps To A Winning Business Proposal"	Sue Clayton	<a href="https://www.entrepreneur.com/article/21834">https://www.entrepreneur.com/article/21834</a>	Copyright © 2016 Entrepreneur Media, Inc. All rights reserved.	February 1996 issue of <i>Startups</i>	Now that I looked up what a proposal is, I came across this article. It gave some good advice and a direction on how I would write my own proposal.
23/05/16	<a href="#">0024</a>	Online Article	"How to Write a Client Proposal"	Esther Schindler	<a href="http://www.itworld.com/article/2759178/development/how-to-write-a-client-proposal.html">http://www.itworld.com/article/2759178/development/how-to-write-a-client-proposal.html</a>	Copyright © 2016 IDG Enterprise. All rights reserved.		Just before finishing researching, this article caught my eye. Unlike the other two resources, this one was designed for an IT based proposal. I figured it would be useful to get some advice in context.
10/06/16	<a href="#">0025</a>	Webpage	"Rate My Lesson"	Clarence Fisher				While in the process of making my improved survey, I really wanted some numerical data so I could plot some regression graphs. While stuck for ideas, I came across this site.
17/06/16	<a href="#">0026</a>	Webpage	"How to Write a Hypothesis"	Martyn Shuttleworth	<a href="https://explorable.com/how-to-write-a-hypothesis">https://explorable.com/how-to-write-a-hypothesis</a>	Explorable.com - Copyright © 2008-2016. All Rights Reserved.		While I had the aspects of my hypothesis well developed, I decided to do some research to insure that I don't make a flaw that would limit my project in the future.

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18/09/16	<a href="#">0027</a>	Text Book	Edexcel GCSE Science: Science Student Book	Mark Levesley (Author), Penny Johnson (Author), Mr Aaron Bridges (Author), Ann Fullick (Author), Richard Grime (Author), Miles Hudson (Author), Mrs Susan Kearsey (Author)	978-1-84690-889-7	Pearson limited, Edinburgh gate, Harlow, Essex, CM20 1JE Registered company number: 872828	Contents	As these are the books used by GCSE students, I looked at these books when planning the subjects and themes I would use in every level. I also mimicked the subject breakdowns to match each of the books.
18/09/16	<a href="#">0028</a>	Text Book	Edexcel GCSE Science: Additional Science Student Book	by Mark Levesley (Author), Penny Johnson (Author), Mr Aaron Bridges (Author), Ann Fullick (Author), Richard Grime (Author), Miles Hudson (Author), Mrs Susan Kearsey (Author)	978-1-84690-883-5	Pearson limited, Edinburgh gate, Harlow, Essex, CM20 1JE Registered company number: 872828	Contents	As these are the books used by GCSE students, I looked at these books when planning the subjects and themes I would use in every level. I also mimicked the subject breakdowns to match each of the books.
18/09/16	<a href="#">0029</a>	Text Book	Edexcel GCSE Science: Extension Units Student Book	by Mark Levesley (Author), Penny Johnson (Author), Mr Aaron Bridges (Author), Ann Fullick (Author), Richard Grime (Author), Miles Hudson (Author), Mrs Susan Kearsey (Author)	978-1-84690-886-6	Pearson limited, Edinburgh gate, Harlow, Essex, CM20 1JE Registered company number: 872828	Contents	As these are the books used by GCSE students, I looked at these books when planning the subjects and themes I would use in every level. I also mimicked the subject breakdowns to match each of the books.
23/03/17	<a href="#">0030</a>	Webpage	What is usability?	Nigel Claridge	<a href="http://www.usabilitynet.org/management/b_what.htm">http://www.usabilitynet.org/management/b_what.htm</a>	©UsabilityNet 2006. Reproduction permitted provided the source is acknowledged.		To define the term usability feature, so that I can identify them in my solution.
17/05/2016	<a href="#">0031</a>	Online game, part of a game host site.	Electric Box 2 (Host site: Kongregate)		<a href="http://www.kongregate.com/games/TwinkleStarGames/electric-box-2?acomplete=elec">http://www.kongregate.com/games/TwinkleStarGames/electric-box-2?acomplete=elec</a>			Used as an example of an educational game with science themes. I feel like this example is very well done, but is not without its own issues.
16/08/2016		Picture	Green binary text on a black screen	John Garvens	<a href="http://www.johngarvens.com/success-is-binary/">http://www.johngarvens.com/success-is-binary/</a>	Copyright © 2017 John Garvens • Website by Garvens Media		A picture used for my mood board.
16/08/2016		Picture	The matrix display from the movie, "The Matrix"		<a href="http://aetherforce.com/geometry-of-the-matrix-we-live-in-by-caleb-thomas/">http://aetherforce.com/geometry-of-the-matrix-we-live-in-by-caleb-thomas/</a>	Copyright 2012 AetherForce   All Rights Reserved		A picture used for my mood board.
16/08/2016		Picture	A page of computer code	Dave Lee	<a href="http://www.bbc.co.uk/news/technology-35224859">http://www.bbc.co.uk/news/technology-35224859</a>	Copyright © 2017 BBC.		A picture used for my mood board.

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16/08/2016		Picture	A circuit board	Santosh Das	<a href="http://www.electronicandyou.com/blog/printed-circuit-board-design-diagram-and-assembly.html">http://www.electronicandyou.com/blog/printed-circuit-board-design-diagram-and-assembly.html</a>	© 2015 Electronics Tutorial		A picture used for my mood board.
16/08/2016		Picture	Clank Figure - Ratchet & Clank		<a href="http://www.thingiverse.com/thing:1484425">http://www.thingiverse.com/thing:1484425</a>	© 2017 MakerBot® Industries, LLC One MetroTech Center, 21st Floor, Brooklyn, NY 11201		A picture used for my mood board.
16/08/2016		Picture	Marvin The Paranoid Android		<a href="https://www.bimstore.co.uk/bim/marvin-the-paranoid-andriod">https://www.bimstore.co.uk/bim/marvin-the-paranoid-andriod</a>	© bimstore 2017		A picture used for my mood board.
16/08/2016		Picture	R.O.B. [ Robotic Operating Buddy ] by Nintendo		<a href="http://www.theoldrobots.com/Rob.html">http://www.theoldrobots.com/Rob.html</a>			A picture used for my mood board.
16/08/2016		Picture	Bionic DEKA Arm, mind-controlled prosthetic, approved by FDA		<a href="http://www.cbsnews.com/news/bionic-deka-arm-mind-controlled-prosthetic-approved-by-fda/">http://www.cbsnews.com/news/bionic-deka-arm-mind-controlled-prosthetic-approved-by-fda/</a>	Copyright © 2017 CBS Interactive Inc. All rights reserved.		A picture used for my mood board.
16/08/2016		Picture	blue gears back 4	James Rothschilder	<a href="http://poprobots.com/blue-gears-back-4/">http://poprobots.com/blue-gears-back-4/</a>	Copyright © 2017 · Outreach Pro Theme On Genesis Framework		A picture used for my mood board.
16/08/2016		Picture	A role-play lesson for teaching about electricity	Simon Porter	<a href="https://www.tes.com/news/blog/a-role-play-lesson-teaching-about-electricity">https://www.tes.com/news/blog/a-role-play-lesson-teaching-about-electricity</a>	This website and its content is subject to our Terms and Conditions. Tes Global Ltd is registered in England (Company No 02017289) with its registered office at 26 Red Lion Square London WC1R 4HQ.		A picture used for my mood board.
16/08/2016		Picture	Wallpaper Space		<a href="http://www.planwallpaper.com/wallpaper-space">http://www.planwallpaper.com/wallpaper-space</a>	<i>All background wallpapers found here are believed to be in the "public domain". All of the images displayed are of unknown origin owner. We do not intend to infringe any legitimate intellectual right, artistic rights or copyright. Please do not ask for permissions to use images in our website to your projects, because we do not own the copyrights for them. All images displayed on the site are provided only for personal use as wallpaper on computers, mobile and other devices. If you are the rightful owner of any of the pictures posted here, and you do not want your image to be displayed on this website, then please contact us and we will immediately remove the picture. We do not intend to display any copyright protected images.</i>		A picture used for my mood board.
16/08/2016		Picture	chemistry wallpaper images (17)		<a href="http://hdwallpapersbuzz.com/chemistry-wallpaper-images-17-hd-wallpaper-images">http://hdwallpapersbuzz.com/chemistry-wallpaper-images-17-hd-wallpaper-images</a>	Copyright © All Right Reserved		A picture used for my mood board.
16/08/2016		Picture	HOW HYDROPONIC GARDENING LEADS THE FARMING REVOLUTION	Emily Rodgers	<a href="http://www.powerhousehydroponics.com/how-hydroponic-gardening-leads-the-farming-revolution/">http://www.powerhousehydroponics.com/how-hydroponic-gardening-leads-the-farming-revolution/</a>	Copyright © 2012-2014, PowerHouse Hydroponics, All rights reserved.		A picture used for my mood board.

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16/08/2016		Picture	CHEMENG25B - Biotechnology		http://scpd.stanford.edu/search/publicCourseSearchDetails.do?method=load&courseId=27326750	© Stanford University, Stanford California 94305		A picture used for my mood board.
16/08/2016		Picture	80s Sci-Fi Door		https://www.turbosquid.com/3d-models/3d-model-sci-fi-door/785905	© TurboSquid 2017		A picture used for my mood board.
16/08/2016		Picture	Model Railway Scenery Review - Hornby Crates		http://www.newrailwaymodellers.co.uk/Scenery/model-railway-review-hornby-crates-r8597.htm	© New Railway Modellers New Modellers Ltd - Company Number: 6602586		A picture used for my mood board.
16/08/2016		Picture	20 Best Futuristic Fonts for Modern Designs that You Can Get Free	Gisela	http://allfreedesigns.com/futuristic-fonts-modern-designs/			A picture used for my mood board.
16/08/2016		Picture	FONTS		http://www.adgraphics.com/fonts.html			A picture used for my mood board.