

Lesson	Resource
Lesson 1 What is light?	<p>Helpful teacher resources,</p> <p>Annenberg Learner, 2013, Teachers Lab, The Science of Light. Retrieved 15th September 2013. < http://www.learner.org/teacherslab/science/light/color/index.html > This site has some great interactive activities for students that may need extension.</p> <p>Andor Learning Academy, 2009, What is Light? An overview of the Properties of light. Retrieved 15th September 2013. <http://www.andor.com/learning-academy/what-is-light-an-overview-of-the-properties-of-light></p> <p>Blair, W, 2004. William p Blair's Home Page, The Basics of Light. Retrieved 14th September 2013. < http://fuse.pha.jhu.edu/~wpb/spectroscopy/basics.html ></p> <p>Class Resources,</p> <p>Bubbl. Us Brainstorm and mind map online, 2013, Retrieved 15th October, 2013. < https://bubbl.us/ ></p>
Lesson 2 Looking for light.	<p>Bubbl. Us Brainstorm and mind map online, 2013, Retrieved 15th October, 2013. < https://bubbl.us/ ></p> <p>Engineering Interact, Light Sources and Light Rays, 2004. Retrieved 4th October 2013. <http://www.engineeringinteract.org/resources/alienattack/flash/concepts/sourcesandrays.htm</p>

	<p>Light Show – You Tube, 2013, Hayward Gallery, Light Show. Retrieved 5th October 2013. < http://www.youtube.com/watch?v=rY5BHWYIDIo ></p> <p>You Tube, Science - Sources of Light - Advanced – English, 2012. Retrieved 4th October 2012. <http://www.youtube.com/watch?v=8jkTBTDIhJ8 ></p>
<p>Lesson 2a Light Sources.</p>	<p>Annenberg Learner, 2013, Teachers Lab, The Science of Light. Retrieved 15th September 2013. < http://www.learner.org/teacherslab/science/light/color/index.html > This site has some great interactive activities for students that may need extension.</p> <p>Andor Learning Academy, 2009, What is Light? An overview of the Properties of light. Retrieved 15th September 2013. <http://www.andor.com/learning-academy/what-is-light-an-overview-of-the-properties-of-light></p> <p>Blair, W, 2004. William p Blair’s Home Page, The Basics of Light. Retrieved 14th September 2013. < http://fuse.pha.jhu.edu/~wpb/spectroscopy/basics.html ></p> <p>Bubbl. Us Brainstorm and mind map online, 2013, Retrieved 15th October, 2013. < https://bubbl.us/ ></p> <p>Engineering Interact, Light Sources and Light Rays, 2004. Retrieved 4th October 2013. <http://www.engineeringinteract.org/resources/alienattack/flash/concepts/sourcesandrays.htm></p> <p>You Tube, Science - Sources of Light - Advanced – English, 2012. Retrieved 4th October 2012. <http://www.youtube.com/watch?v=8jkTBTDIhJ8 ></p> <p>Curriculum Bits .Com, 2013 How does a Pinhole Camera Work? Retrieved 16th October 2013.</p>

<p>Lesson 3 How do we see?</p>	<p>http://www.curriculumbits.com/physics/how-does-a-pinhole-camera-work/ ></p> <p>Exploratorium The Museum of Science, Art and Human Perception, 2013, Pringles Pinhole. Retrieved 16th October 2013 http://www.exploratorium.edu/science_explorer/pringles_pinhole.html ></p> <p>Light Fantastic 3/4 (BBC Documentary) - The Stuff of Light, 2012. Retrieved 18th October 2012. http://www.youtube.com/watch?v=DIDV3lcCgxw</p> <p>The Childrens University Manchester,2012, The Brain and Senses. Retrieved 16th October 2013. http://www.childrensuniversity.manchester.ac.uk/interactives/science/brainandsenses/eye/</p>
<p>Lesson 4 How does light travel?</p>	<p>Department of Education and Training, 2000, Scootle, Light Travels in Straight Lines. Retrieved 18th October 2013. http://www.scootle.edu.au/ec/viewing/L3061/index.html</p> <p>Department of Education and Training, 2000, Scootle, Light and Reflection. Retrieved 18th October 2013. http://www.scootle.edu.au/ec/viewing/L2042/index.html</p>

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<p>Lesson 5 Make way for light.</p>	<p>BBC-Ks2, Bitesize Science, 2013, Shadows. Retrieved 1st December 2013. <http://www.bbc.co.uk/bitesize/ks2/science/physical_processes/shadows/read/2/ ></p> <p>Education Services Australia, 2013, Scootle Education,, Light and Reflection: Light Rays. Retrieved October 13th 2013. http://www.scootle.edu.au/ec/viewing/L2041/index.html</p> <p>You Tube, 2011, Light and colour Bill Nye. Retrieved 21st October 2013. < http://youtu.be/gtgBHsSzCPE ></p> <p>You Tube, 2012, Science-Light- Properties-English. Retrieved 20th October 2013. http://www.youtube.com/watch?v=Q9HLqeoEatc</p>

<p>Lesson 6 Shadows</p>	<p>BBC-Ks2, Bitesize Science, 2013, Shadows. Retrieved 1st December 2013. <http://www.bbc.co.uk/bitesize/ks2/science/physical_processes/shadows/read/2/ ></p> <p>Education Services Australia, 2013, Scootle Education,, Light and Reflection: Light Rays. Retrieved October 13th 2013. http://www.scootle.edu.au/ec/viewing/L2041/index.html</p> <p><i>Light fantastic</i>, Primary Connections, Australian Academy of Science: Lesson 6, 'Big shadow little shadow'</p> <p>YouTube, Richard Bradshaw - Jim Henson's World, 2011. Retrieved 18th October 2013. http://www.youtube.com/watch?v=a-fmsVDFpTE&feature=related</p>
<p>Lesson 7 Periscope investigation</p>	<p>Australian War Memorial, 2013, An unidentified soldier using a periscope in a trench on the Gallipoli Peninsula.. Retrieved 18th October 2013. http://www.awm.gov.au/collection/C01107/</p> <p>Australian War Memorial, 2013, View Through An American Submarine Periscope Showing The Port Side Of The Japanese Hospital Ship Asahi Maru. The Ship Was Allowed To Pass Unmolested. Retrieved 18th October 2013. <http://www.awm.gov.au/collection/302793/ ></p> <p>Biography.com, 2013, Johannes Gutenberg Biography. Retrieved 18th October 2013. http://www.biography.com/people/johannes-gutenberg-9323828</p>

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<p>Lesson 8 Properties of light</p>	<p>Alaska Native Knowledge Network, 2011, Alaska Science Camps, Fairs and Experiments. Retrieved 19th October 2013. http://www.ankn.uaf.edu/publications/Alaska_Science/Spear.html</p> <p>Children's Encyclopaedia of Science, The Science of Light, When Light Bends. Retrieved 19th October 2013. http://www.daviddarling.info/childrens_encyclopedia/light_Chapter4.html</p> <p>Education Services Australia, 2013, Scootle Education, Optics and Refraction: Light Angle. Retrieved October 13th 2013. http://www.scootle.edu.au/ec/viewing/L1477/index.html</p> <p>Kirpi.it , 2012, Lens flare Tutorial. Retrieved 19th October 2013 http://www.kirpi.it/Photo/Lens-flare-tutorial-on-how-to-avoid-create-and-control-light-reflection-and-refraction</p> <p>Old Dominion University College of Sciences, 2006, How are Rainbows Made? Retrieved 30th October 2013. http://sci.odu.edu/sci/Scire/05Edition/rainbow.html</p> <p>You Tube, 2012, Mike Hunter, Dirty Jobs. Retrieved 1st November 2013. http://www.youtube.com/watch?v=R0cD9bozobl</p>

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<p>Lesson 9 Shadow puppets</p>	<p>Asian Art Museum, 2012, Education, Create Balinese Shadow Puppets. Retrieved 15th November 2013. http://education.asianart.org/explore-resources/lesson-or-activity/create-balinese-shadow-puppets-activity</p> <p>YouTube, Richard Bradshaw - Jim Henson's World, 2011. Retrieved 18th October 2013. http://www.youtube.com/watch?v=a-fmsVDFpTE&feature=related</p> <p>You Tube, Richard Bradshaw: Shadow Puppeteer. Retrieved 18th November 2013. http://www.youtube.com/watch?v=tNsJ6kDVbfk</p> <p>Artsedge, 2013, The Science of Shadow Puppets. Retrieved 20th November 2013. http://artsedge.kennedy-center.org/educators/lessons/grade-6-8/Shadows_and_Light.aspx#Overview</p>
<p>Lesson 10 The Maze trick</p>	<p>Prepard Resources on website.</p>