

Additional Resources

Note: All links were confirmed as working at the time this was created. If you find a link that doesn't work, let us know so we may find a suitable—and working—link.

Videos

Videos About Light

<https://www.youtube.com/watch?v=LCEqVHFHhM> A general introduction to light (3:40 min) and light sources. Short ad at the beginning.

<https://www.youtube.com/watch?v=d7yTlp4gBTI> A video about light and color (4:37). Too advanced for K-2 but good background and may be good for older students.

<https://www.youtube.com/watch?v=SP3EY2tToQs> Longer video (~12 min) specifically aimed at kindergarten. It is best to use only small sections at a time, but there are short clips that complement the lessons in this module very nicely. **Note – there is an error when they discuss mixing colors – as red and yellow make orange and not green.**

<https://www.youtube.com/watch?v=nCPPLhPTAlk> (3:32 a good introduction on visible light and rainbows)

Videos About Germs and Bacteria

<http://www.webmd.com/cold-and-flu/video/stay-well-around-colds-flu> Video (3:20 min.) from WebMD on how to avoid spreading colds and flu, but can also be ideas of where germs live. Warning: a 15–30 second ad plays before video starts.

<https://www.youtube.com/watch?v=MaAmNE9oesA> (good video on bacteria, only to about minute 2:27)

<https://www.youtube.com/watch?v=qi1MgmaQMOQ> (good microbe introduction)

Interesting Articles

<http://electronics.howstuffworks.com/led.htm> Excellent teacher article on how LEDs work.

<http://minds-in-bloom.com/72-creative-ways-for-students-to-show/> creative ways for students to show their work

<http://kidshealth.org/kid/talk/qa/germs.html> Article from Kids Health on germs, designed for kid audience.

<https://www.stevespanglerscience.com/lab/experiments/growing-bacteria/> Some additional information about bacteria growing

<http://news.discovery.com/tech/fuel-cells-turns-waste-into-electricity-120823.htm> A short article on how waste is turned into electricity using microbial fuel cells.

Websites

<https://www.google.com/webhp?sourceid=chrome-instant&ion=1&espv=2&ie=UTF-8#q=picture%20of%20sneeze> Pictures of a sneeze to drive home the idea of germs spreading.

<http://www.allaboutvision.com/sunglasses/polarized.htm> Information on how polarized lenses work.

Additional Activities

About Light

https://www.ducksters.com/science/experiment_light_travel.php

https://www.ducksters.com/science/experiment_light_spectrum.php

About Germs and Bacteria

<http://lessons.atozteacherstuff.com/682/glitter-germs/>