

Science Week 2 - How do we see?

- Show children the picture of the dark room on the slides. Tell them that this room has a hula-dancing penguin and an acrobatic elephant inside. Can you see them? Why not? Invite children to share their ideas.
- Why would a torch be easier to see in a dark room if the torch was on than if it was off? Give children some time to discuss their ideas and then share with the class.
- Explain that we need light to be able to see things. Light travels into our eyes and enables us to see objects which is why you cannot see things in the dark.
- Show children the diagram of the eye and explain how it works. Make sure children understand that the light travels into our eyes, not from our eyes.
- Ask children to get into pairs and have a close look in your eye (without touching!). Challenge children to spot the different parts listed on the slides.
- Provide children with books (if you have any), access to the internet, etc., and ask them to find out more about how eyes work and how we see things through light entering the eye. Allow them to use diagrams and written information to explain how the eye works.
- Some useful websites: -
<http://kidshealth.org/kid/htbw/eyes.html> -
<http://www.cyh.com/HealthTopics/HealthTopicDetailsKids.aspx?p=335&np=152&id=1730> - <http://www.whyyz.com/how-do-our-eyes-work>

Extension; Create a rap to perform to your family that explains how the eye sees and uses some of the scientific language for the parts of the eye. Learn it and video your performance.