



**Cedar. Cherry, Rowan,
Look Hear!
Literacy Texts – Poetry
The Magic Box by Kit Wright**

Lesson	IPC Learning Goal	NC Coverage	Activities	Resources / Vocabulary / Personal Goals
Entry Point			Lights – have as many different lighting objects as possible, toys, fairy lights, etc. Sounds – have a variety of objects that make sounds, toys, etc. Enable the children to explore the different sounds and lights. Sort the objects by sound and light. Create a table, can you add to it? OR watch the group STOMP – Out Loud - perform and discuss. Investigate light and sound.	Objects that have lights and/or sounds
Knowledge Harvest			Brainstorm what you know about light and sound. How do we see? How do we hear? What do the children know? What do they want to find out? Write some questions to go on the learning wall.	
Big Picture			Whether we are driving around in our cars, working, or relaxing at home, we are turning on lights, music, TV, radio, computers and mobile phones. We are plugged in to sound and light 24 hours a day. But what is the science behind sound and light? Let's find out!	
Science 1	Know the functions of the major internal and external parts of the human body	Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes	Look at the anatomy of the eye and ear. Label them and write what each part does.	
Science 2	Know that vibrations from sound sources travel through a medium to reach the ear		Recap on vibrations – demonstrate the rice on a drum. Create a poster to show how vibration works on the ear.	

Science 3	Know that vibrations from sound sources travel through a medium to reach the ear		Investigate how sound travels. Use time graphs to record the information.	
Science 4	Know that vibrations from sound sources travel through a medium to reach the ear		Continue investigations of sound through different objects. Write up a conclusion.	
Science 5	Know that vibrations from sound sources travel through a medium to reach the ear		String Telephone	String Pots
Science 6	Know that vibrations from sound sources travel through a medium to reach the ear		Making metal chimes.	Metal spoons String Wooden bar - bamboo
Science 7	Know the distinctive properties of different materials		Absorbing sound investigation	Box Materials: cotton wool, bubble wrap etc Alarm clock
Science 8	Know that vibrations from sound sources travel through a medium to reach the ear		How does sound travel through water? Investigation	For the hydrophone, they will need: A washing-up bowl, half full of water 2-litre empty plastic drinks bottle Two large pebbles Scissors
Science 9	Know that light travels in a straight line until it strikes an object	recognise that light appears to travel in straight lines	Investigate how light travels. What lets light through?	Torches Materials: paper, plastic, foil, etc
Science 10	Know that light travels in a straight line until it strikes an object	recognise that light appears to travel in straight lines	Investigation - Can we bend light?	Torches Water Mirrors
Technology 1	Be able to select the most appropriate available tools and materials for a task	select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately	Make a stringed instrument.	Rubber bands - different lengths and thicknesses Small cardboard box with a hole cut out of the top, e.g. tissue box Two wooden pencils to make the 'bridge'

				Long piece of cardboard to make the neck of the guitar Scissors Sticky tape
Music 1	Be able to perform with an awareness of audience	Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.	Explore a real guitar. Get someone in to play a guitar. Record the children playing their own guitars.	Guitars
International 1	Be able to explain how the lives of people in one country or group are affected by the activities of other countries or group		What is noise pollution? Write a report about noise pollution in the local area. What do they suggest to do about it?	
Exit Point			Invite the parents in for children to share their instruments and to share their knowledge of sight and hearing.	
Reflection				