|  |
| --- |
|  **Key question: What surfaces to reflect light and why is it useful?**Diagram  Description automatically generated**Key question; How are shadows formed? How can you change the length, position and shape of your shadow?**Diagram  Description automatically generated **Key question: How do we see?****Why is light from the sun so dangerous and how can we protect our eyes?** **Key learning: We need light to be able to see things. Light travels in a straight line.**Graphical user interface, application  Description automatically generatedDiagram  Description automatically generated **Key question: What materials are transparent?**A picture containing text, person  Description automatically generatedTable  Description automatically generatedTable  Description automatically generated**Super Scientist Investigates:****How are shadows and sound created and changed?**  ***Shadows Year 3 and 4*****FPS SCIENCE: Physics****KNOWLEDGE ORGANISER** |

**Key question: What is soundproofing, why is it important and which materials are the best at soundproofing?**