

Year 3 Light Science Discussion Starter - Teacher Guidance

This science discussion starter pack is designed to encourage children's scientific thinking. Included are two sizes of the discussion starter, a PowerPoint version and a follow-on sheet, giving you more flexibility in the classroom.

Before showing the discussion points, you could ask the question to your class for them to share initial ideas. The starter page with the children's answers could be displayed for the whole class to see and discuss as a class. Alternatively, children could work in smaller groups to discuss the points.

Points for children to consider include which children do they agree with and why. They should explain if there are any statements that they disagree with and whether there are some they partially agree with.

It is important that while using this resource, any common misconceptions that children have are addressed during the topic. Common misconceptions may include:

- that light is only reflected on hard, shiny surfaces;
 - that light can only be reflected on smooth surfaces;
 - that only certain materials will reflect light.
-