

# ACTIVITY SHEET 1

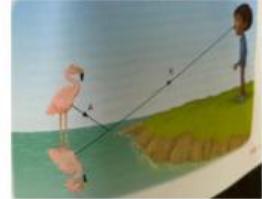
6.SCIENCE

LIGHT | REFLECTION

1. Give two examples of a smooth, shiny surface that reflects light well

2. Name the type of image you see from the reflected light.

3. In the picture Sam is looking at the reflection of the flamingos, name the rays labelled A and B.



4. Copy the diagram of the light ray being reflected off the mirror. Label the reflected ray, incident ray and normal.

5. If the angle between the incident ray and normal is  $30^{\circ}$ . What will be the angle between normal and reflected ray?

6. If the angle between incident ray and the reflected ray is  $50^{\circ}$ . What will be the angle of incidence.?

7. If the angle between the reflecting surface and the normal is  $20^{\circ}$ . Find the angle of incidence.