



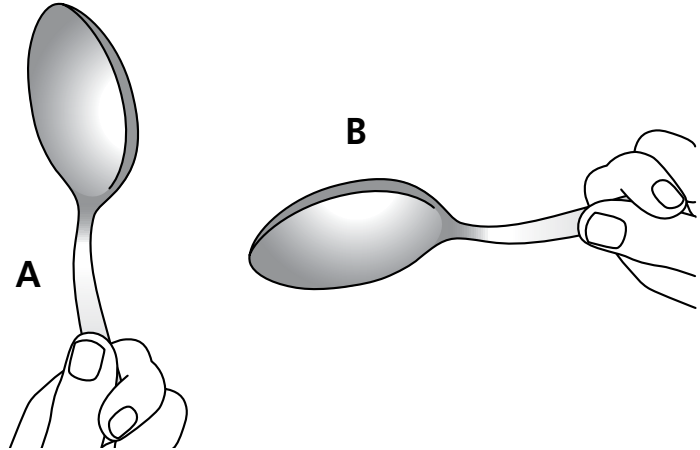
Name: Form:

Based on pages 10 and 11 of *How we see things*

Investigating curved mirrors

Try this...

1. Hold up a spoon in front of you with the dished, or concave, side towards you. Hold it at arm's length in position A in the diagram.



2. Describe the image you see in the spoon.



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3. Turn the spoon to position B. Describe the image you see in the spoon.



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4. Move the spoon towards you and hold it in position A and B. How do the images in the spoon change from steps 2 to 3?



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5. Hold up a spoon in front of you with the bulging or convex side towards you. Hold it at arm's length in position A in the diagram.

6. Describe the image you see in the spoon.



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7. Predict what might happen if you turned the spoon to position B.

8. Check your prediction by turning the spoon to position B. How did the prediction and the result compare?



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9. Move the spoon towards you. How do the images in the spoon change?



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