Circumference

Explain that since the measuring tape is flexible, it can also be used to measure objects that are round.

Discuss the concept of circumference. Ask for a detective to volunteer the meaning of circumference.

Take the circumference of your head to show how a cloth tape can be used for that type of measurement. Explain how circumference is an important measurement for many different round objects.

Divide the groups into pairs. Pass out a measuring tape to each pair. Take the detectives outside. Give them the opportunity to measure the circumference of other spherical or cylindrical objects on or near the playground such as:

- Trees
- Poles
- Balls
- Wrists
- Fingers
- Rocks

Assist students with their circumference measurements to ensure that they are lining up the measuring tape correctly.