

Pass out some **play-dough** to each detective. Show them how to roll the play-dough between your hand and a table top to make a “snake-like” piece out of it.

HINT: This will be difficult for some of the students. Help them to understand that to make a longer snake, they need to gently push down and outward as they roll the play-dough. When the snake gets longer, they can roll the play-dough with both hands. They need to make sure that both hands are moving back and forth at the same time. Otherwise, the snake will split in half.

Now have them create a spiral using the clay snake. Let students join their snakes to make large spirals. See how large a spiral the class can make by joining many snakes together. Have students explore making a spiral that is more 3-dimensional, rising up off the surface.

At the end of the day, have the detectives draw and label a sphere and a spiral on their **Shape Tools** in their toolkits.

MATERIALS:

*Play-dough

*Shape tools