



Parent Resources for Around and around...

Goals of this lesson:

- Compare a digital and analog clock.
- Make a model of an analog clock.
- Review telling time using an analog clock.
- Compare clockwise and counter-clockwise rotation.

Copy and paste these links into your browser:

The Number Crew finds themselves on the hands of a giant clock.

<https://clever.discoveryeducation.com/learn/player/75d0389c-6e9f-41ff-9237-c9233ca845a1>

Examples of clockwise and counter-clockwise rotation.

<https://clever.discoveryeducation.com/learn/player/61cfbddd-b2fa-4581-94d0-9fb46fae7cd8>

Telling time with digital and analog clocks.

<https://clever.discoveryeducation.com/learn/player/f5bd4f4e-e65b-4fa3-8b5e-2673b6bad779>

Extension activity: How the spinning of our Earth gives us night and day.

<https://clever.discoveryeducation.com/learn/player/d8b76d38-46f7-462a-942b-7d2605d9b6c4>



Around and around...

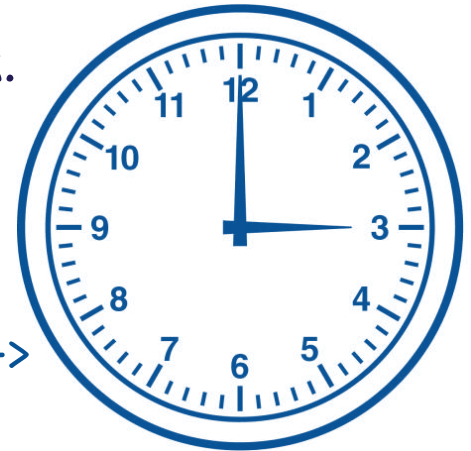
Many things spin. Have you ever been on a merry-go-round? Have you turned a doorknob to open a door? Is there a ceiling fan somewhere in your home? All of these things, and many others, spin around. How do you describe that motion? If you lay on the floor and look up at a ceiling fan, the top of the fan is moving one way and the bottom is moving the other way. So, you can't say that it's moving right or left.

Both of these clocks say that it's 3 o'clock.



<- Digital Clock

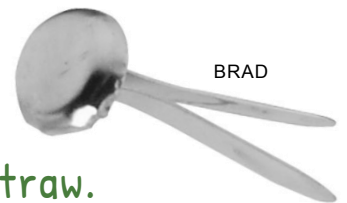
Analog Clock ->



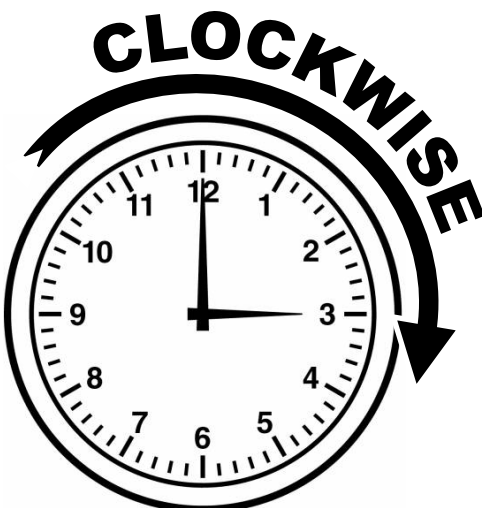
Each of these clocks tells the time. The digital clock (on the left) uses only numbers (or digits) to indicate the time. But the clock on the right, called an analog clock, indicates the time by using two pointers (or hands) that spin around and around.

Cut out the analog clock on the 2nd sheet to make your model.

If you have one, use a brad to connect the hands to the face of your analog clock. If you don't have a brad, you can use a bent paper clip or even cut a piece of a straw.



BRAD



You can use your model to practice telling time. Ask an adult to help you. The shorter hand points to the hour and the longer hand points to the minute.

The hands on an analog clock spin in just one direction. That direction is called **clockwise**. The opposite of clockwise is **counter-clockwise**.

List 4 things that spin **CLOCKWISE**

- 1.
- 2.
- 3.
- 4.

MAKE AN ANALOG CLOCK

1. Fill in the circles with the numbers from 1 to 12.
2. Cut on the dashed lines.
3. Use a brad (or other connector - like a bent paper clip or folded straw) to attach the two arrows. Use what you have to connect them through the black dots.

