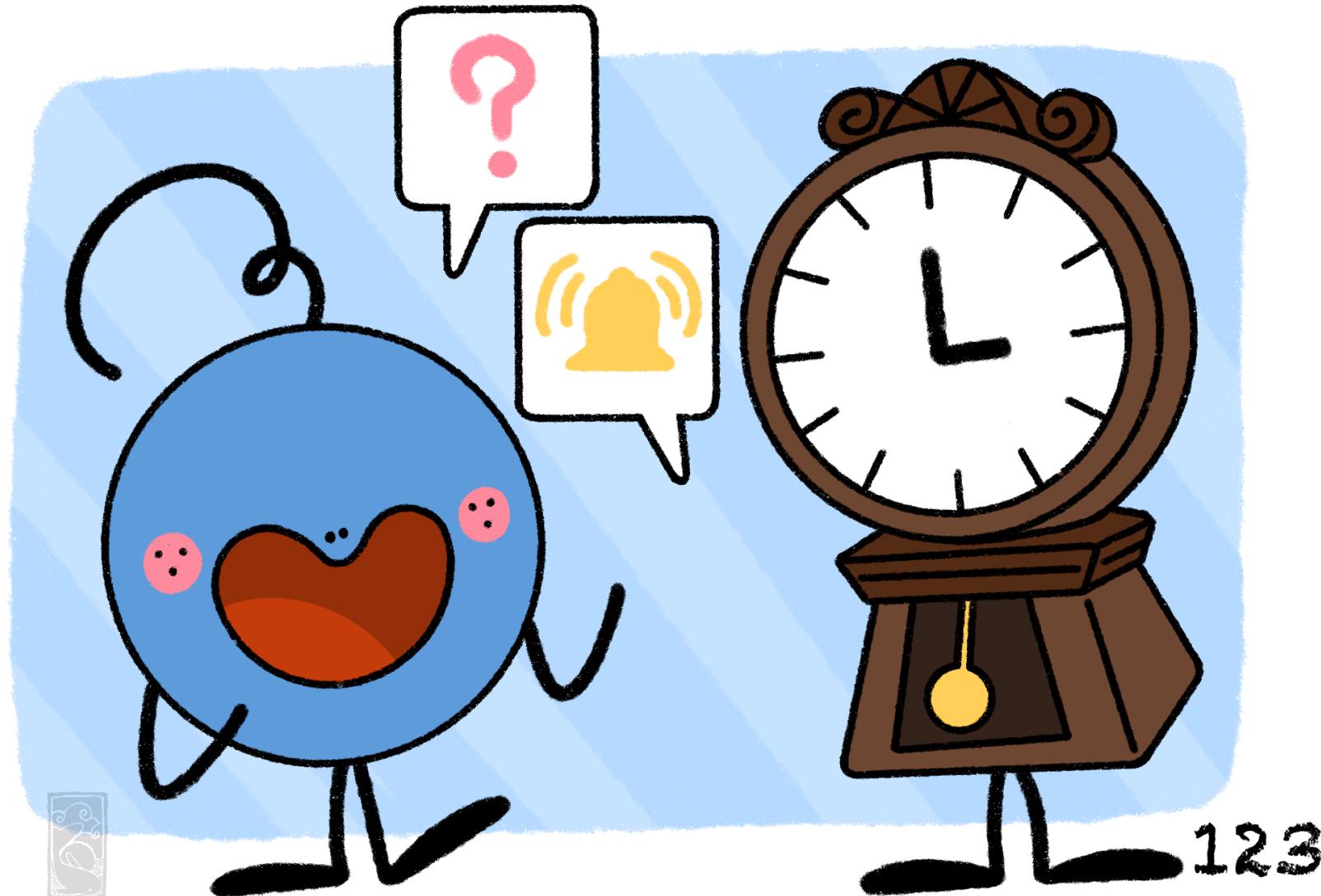


TOYBOX



Clock Talks

Talk About Time in Everyday Situations!

Beginner: Talk about the numbers on a clock and how long an activity will take.

[Tip]: "It is 11:00 right now, if we play outside for 10 minutes the clock will say 11:10."

Intermediate: Cover the minutes on a digital clock and ask your child to show you the hour using their fingers.

[Tip]: Show 11:00 by showing 10 fingers, closing both hands, then showing 1 finger.

Experienced: Cover the hour on a digital clock and ask your child to show you the minutes using their fingers. Uncover the hour and combine the two numbers to show the time.

[Tip]: Show 8:10 by first raising 8 fingers for the hour, followed by 10 fingers for the minutes.

Click here for a helpful [Video Tip!](#)

Why is this important? Knowing how to read a clock is a practical life skill that familiarizes children with the numbers 1 to 60.

Looking for more information? Scroll down to read through our Analogue Clock resource!

Reference: Burny, E., Valcke, M., & Desoete, A. (2012). Clock reading: An underestimated topic in children with mathematics difficulties. *Journal of Learning Disabilities*, 45(4), 351–360.

VandeWalle, J. A. (2011). Elementary and Middle School Mathematics: Teaching Developmentally. Pearson Canada. (pp. 385, 401, 402).

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Video Tip created by: MeloMath4Kids



Reading Analogue Clocks

Here is some helpful information when learning to read analogue clocks, like the ones commonly found in classrooms.



1:15



1:30



1:45



2:00

How Time is Measured

1 hour is the same as 60 minutes:

- An hour can be split into halves, with each half equaling 30 minutes.
- An hour can also be split into quarters, with each quarter equaling 15 minutes.

15 minutes = $\frac{1}{4}$ of an hour

30 minutes = $\frac{1}{2}$ of an hour

45 minutes = $\frac{3}{4}$ of an hour

60 minutes = 1 hour

How a Clock Works

A clock has two sets of hands to measure time:

- The short hand tells you the hour and the large hand tells you the minutes.

The numbers on a clock tell you different things:

- The hours in a day and the minutes in an hour

There are four lines in between each number:

- Each line represents one minute, showing groups of 5 minutes from one number to the next.

Clock Tips!

To help read an analogue clock, tape the minutes to the wall around the clock. Doing so helps visualize the connection between the numbers on the clock and their meaning.

1 = 00:05	2 = 00:10
3 = 00:15	4 = 00:20
5 = 00:25	6 = 00:30
7 = 00:35	8 = 00:40
9 = 00:45	10 = 00:50
11 = 00:55	12 = 00:00

Analogue clocks also help you skip count by 5s!

To practice reading an analogue clock, create flashcards with a clock image on one side, and the digital answer on the other.

