

Comparing Duration

AC9M1M01_E4 Create sand timers from everyday or recycled materials and compare them to order the duration of time it takes for the sand to run through.

Learning Intention: I can make and compare sand timers to order how long things take.

1. Make a Timer

Use bottles and sand.

Recycled materials work well.

Let the sand run through.

2. Time It

Start the timers together.

Watch which finishes first.

That one takes less time.

3. Order Duration

Order: shortest time, longer, longest time.

Compare the finishing times.

How could we make it slower?

Model It

Two sand timers start together. The small one empties first, so it takes less time. Order: small, medium, big.

Let's Talk

Which timer runs longer?

Which one finishes first?

Make it slower:

how could we change the timer?

For Teachers & Parents

Build simple timers:

two bottles and dry sand or rice.

Start together:

compare which empties first.

Link to daily events that take more or less time.