

SEQUENCING EVENTS USING ORDINAL NUMBERS.

INVESTIGATIONS OVERVIEW PAGE

THIS PAGE IS A SUMMARY OF THE INVESTIGATIONS THAT STUDENTS MAY ENGAGE IN TO DEEPEN THEIR RELATIONAL UNDERSTANDING. INVESTIGATIONS WITH INSTRUCTIONS TO STUDENTS FOLLOW ON SUBSEQUENT PAGES.

- Children select an activity OR Children sit with a friend. They each select a different activity, for example,
 - drawing 3 triangles / squares / rectangles
 - say the alphabet
 - count forwards / backwards to 10 / 20
 - sing a song, for example, 'happy birthday'
 - stamp 10 times
 - tie your shoelace
 - make a tower of 10 blocks
 - write your name
 - start from 6 and write the numbers to 10
 - jump 10 times
 - put on your jacket / jumper
 - wash your hands
 - bounce a ball 10 times
 - throw a ball in the air a catch it 5 times
 - run to a post and back
 - make a model using blocks

Children identify if the activity took a short time or a long time OR Children identify which activity took a short time and which activity took a long time.

Reflection: How can we compare long and short time durations?

- In pairs, children name activities that would take a long time, for example, eating dinner, making their bed, walking to school. **Reflection:** How can we compare long and short time durations?
- In pairs, children name activities that would take a short time, for example, drinking a glass of milk, walking to their table. **Reflection:** How can we compare long and

short time durations?

- When asking children to come to the floor / line up / write their name etc, ask them to take a short time / long time. Reflection: How can we compare long and short time durations?

Long and Short Time Durations.

Select an activity:

- drawing 3 triangles / squares / rectangles
- say the alphabet
- count forwards / backwards to 10 / 20
- sing a song, for example, 'happy birthday'
- stamp 10 times
- tie your shoelace
- make a tower of 10 blocks
- write your name
- start from 6 and write the numbers to 10
- jump 10 times
- put on your jacket / jumper
- wash your hands
- bounce a ball 10 times
- throw a ball in the air a catch it 5 times
- run to a post and back
- make a model using blocks

Did it take a long time or a short time?

Reflection: How can we compare long and short time durations?

Long and Short Time Durations.

Sit with a friend.

Each of you select a different activity:

- drawing 3 triangles / squares / rectangles
- say the alphabet
- count forwards / backwards to 10 / 20
- sing a song, for example, 'happy birthday'
- stamp 10 times
- tie your shoelace
- make a tower of 10 blocks
- write your name
- start from 6 and write the numbers to 10
- jump 10 times
- put on your jacket / jumper
- wash your hands
- bounce a ball 10 times
- throw a ball in the air a catch it 5 times
- run to a post and back
- make a model using blocks

Which activity took a short time and which activity took a long time?

Reflection: How can we compare long and short time durations?

Long and Short Time Durations.

Name activities that would take a long time, for example, eating dinner, making their bed, walking to school.

Reflection: How can we compare long and short time durations?

Long and Short Time Durations.

Name activities that would take a short time, for example, drinking a glass of milk, walking to their table.

Reflection: How can we compare long and short time durations?

Long and Short Time Durations.

Sit with a friend.

Each of you have an item (for example, a stone, a lid).

Each of you drop it into a container of water.

Describe which item took a long time to sink and which item took a short time to sink.

Reflection: How can we compare long and short time durations?

Long and Short Time Durations.

Sit on a chair next to a friend with your legs outstretched.

Describe the length of time they can keep their legs outstretched as a long time or a short time.

Reflection: How can we compare long and short time durations?

Long and Short Time Durations.

Place an ice cube on a plate.

Describe it takes to melt as a long time or a short time.

Reflection: How can we compare long and short time durations?