

Viewer Worksheet for:

Supporting Mathematical Development in Young Children: Data

This [video](#) describes children's ability to collect, observe and compare data. Working with data offers children interesting opportunities to gather information to find an answer to a question.

Routine – A sign-in chart provides a meaningful set of data that can be observed and compared. A teacher talks to a child after he has signed-in about whether any of his friends are still at home and helps him count to determine how many children have arrived at school.

Additional ideas for using data during routines:

Explicit Teaching – By using a “Question of the Day” teachers can give children opportunities to answer a simple question as they arrive each day. Their responses become authentic data that can be observed and compared later when the adult is able to discuss and analyze the results with them.

Additional strategies for working with data:

Play – After children have had experience using daily surveys in their classroom, they can be supported to take their own surveys related to a play theme or to gather information about something they are curious about. In one classroom, the children used this strategy to learn more about their peers.

Additional ideas for including data in play:

A lot of mathematics learning occurs within the context of classroom play, especially when teachers are talking with children about how to solve problems involving number.

What are some vocabulary words that adults could use with children when using data?

Identify the materials that you noticed in the video:

