WHO LIVES IN MY HOUSE?

data collection

AUSTRALIAN CURRICULUM ALIGNED

LESSON PLAN

Who Lives in My House?

Lesson Information | 1 x 60 minutes

This lesson introduces Foundation – Year 2 students to the concept of data, data recording and data representation.

Lesson length is an approximate. Depending on the age and abilities of your students this lesson may take longer.

Curriculum Links: Digital Technologies

Representations of Data

Data can have patterns and can be represented as pictures and symbols

Collecting, Managing & Analysing Data

Collect and use data of any kind

Warm-up (5 minutes)

- Ask students about their family – who is in their family?
- Introduce a new word "Data" – explain that Data is a fancy word for "information" or "facts"
- Tell students that today, we are going to collect data about their families!

Guided Independent Activity (50 minutes)

- Provide each student with a Data Collection Worksheet
- Walk students through completing each part of the collection worksheet using Roman Numeral/Tally (note: younger students may not have come across this concept yet, so you can explain how each I represents "one" on the whiteboard)
- Students complete a tally for "How Many Adults Live in My House," "How Many Siblings I Have" and "How Many Pets We Have"

- Students use coloured paper to cut and glue a house (with younger students, you may like to have the shapes pre-cut to make this step quicker and neater!)
- In the middle of the house, students use coloured squares of paper to represent the different members of their household

- *Students now have their data represented in three ways – 1. In a tally; 2. Number 3. Visually using coloured squares. Glue both side-by-side on an A3 piece of paper and display.*

Wrapping Up (5 minutes)

- Ask students to share their Data houses with the class. Discuss – who has the same number of people and animals in the house? What can we learn about each other from this data? In what ways are the two data representations (tally, number and squares) the same? In what ways are they different?

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Name: _____

who lives in my house?

In My House…	Tally	Number
Adults		
Siblings		
Pets		

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