

## PQIP 2022

### GOAL

To strengthen children's ability to use, transfer and analyse data to solve problems, form predictions and theories.

### CHALLENGE OF PRACTICE

If educators review and deepen their understanding of data, they can then intentionally model and scaffold children's ability to use data to answer questions, solve problems and form predictions and theories.

### ACTIONS

- Each educator will deepen their numeracy knowledge in data organisation in the preschool context using the Numeracy Guidebooks.
- Each educator will reflect and identify the learning environment for a wide variety of objects that vary by size, weight, colour, usefulness and attractiveness.
- Each educator will utilise language that models and deepens children's understanding of data and which data can be used in each context/situation.
- Each educator will use sustained shared thinking around data collection activities supported by strategic questioning.

### SUCCESS CRITERIA

Each child will be able to:

- Identify variation by noticing similarities and differences
- Collect and classify information on what is the same and different, common and odd and communicate their classification choices
- Sort information using manipulatives and abstract concepts
- Represent data and identify possible options and outcomes
- Feel confident to independently interpret data for predicting events, investigating and problem solving.

Impact will be evident in pedagogical documentation and EYLF Observation Tool.