

Week 2 (number knowledge and measurement)

This week we focus on multiplication and division basic facts, and working with length, area, volume and weight (mass).

WEEKLY PLANNER

DAY 1

Number facts



- Go to the number facts pathway in e-ako maths.
- Choose the multiplication and division learning tool.
- Click “Check all facts” and answer the questions. The green ticks show the facts you know.

Measurement e-ako



- Go to the measurement pathway in e-ako maths.
- Choose e-ako M4.2 (2nd yellow button; 4th row).
- Work through pages 1–10. On page 5 could Connor use multiplication instead of addition? How?
- Find a box or packet at home. Measure the edges with a ruler. Write how you can find the volume of the box. Explain how you did it to a family member.

Measurement activity



- Go to the activity [Claws](#) and follow the instructions.
- Is it more sensible to measure the width of crab shells in cms or mms? Why?

DAY 2

Number facts



- If you have facts to learn go back to the multiplication and division learning tool and click “Learn a new fact”. Do this three times. Then “Check recent facts”.
- Return to the number facts pathway and play the “Number Facts” game “All Numbers”.
- If you have no facts to learn, play the game [Four in a Row multiplication](#) with someone.

Measurement e-ako



- Go back to e-ako M4.2 on the measurement pathway.
- Work through pages 11–17.
- Fill a 1L or 2L plastic bottle with water. Compare it’s mass to the mass of other objects in your home. Record your ideas.

Measurement activity



- Go to the rich task [Perimeter = area rectangles](#). Go to the activity and find as many answers as you can.
- Look at the work samples to get further ideas.

DAY 3

Number facts



- If you have facts to learn go back to the multiplication and division learning tool and click “Learn a new fact”. Do this three times. Then “Check recent facts”.
- Return to the number facts pathway and play the “Number Facts” game “All Numbers”.
- If you have no facts to learn, play the game [Four in a Row multiplication](#) with someone.

Measurement e-ako



- Go back to e-ako M4.2 on the measurement pathway.
- Work through pages 17–23.
- Fill a 1L or 2L plastic bottle with water. Compare it’s mass to the mass of other objects you know the mass of. Record your ideas.

Measurement activity



- Go to the activity [Cylinder Collection](#) and complete the task.
- Find some cylinders from around your home. Work out the volume of those cylinders. You may need to search the internet to find out how to do this.

DAY 4

Number facts



- If you have facts to learn go repeat the first part of Day 3.
- If you have no facts to learn, play [The Remainder Game](#) with someone. You will need a dice you can change or another way to randomly choose numbers.

Measurement e-ako



- Go back to e-ako M4.2 on the measurement pathway.
- Work through pages 23–29 to finish the e-ako. Record three facts you learned about measurement this week.

Measurement activity



- Go to the task [Fuel for Thought](#). You can use a dessertspoon which holds 10 mL of water.
- Check your answers online
- Try different containers from around your home. Can you predict the shape of the graph?
- Are the graphs of level and capacity for a bottle the same if it is filled, rather than emptied? Discuss with a family member.

DAY 5

Number facts



- Go back to the multiplication and division learning tool and “Check all facts” again. Hopefully you’ve got more green ticks now. Make a set of Flash Cards for the facts you still don’t know. Practice!
- Return to the number facts pathway and try to beat your score on the “Number Facts” game.
- If you have no facts to learn, play [The Remainder Game](#).

Measurement activity



- Go to the activity [The Big Drip](#) and complete the task. You will need to print the house plan.
- Look at the section that your house is on. Estimate the length of each side of the section in metres. If 10 mm of rain fell on your section how much water would that be altogether?
- Record your calculations and share your ideas with a family member.

independent

supported

interaction