



Mathematics Level 1

Learning Intention: understand the meaning of capacity, volume and a hypothesis.

[TKI NZ Maths](#)

We are learning to - order containers by capacity.

Success Criteria: I can order the containers from the smallest to the largest,



Here are three containers.

Just by looking, can you tell which container holds the most water?

How do you know?

Find three different containers from around your house. Make sure they are plastic and look like they hold about the same amount of water. Which container will hold the most? Which container will hold the least amount of water?

Share with us your findings were your guesses right? Show us the photo of them in the orders you guessed then when you filled it on Seesaw



Learning Intention: understand the meaning of capacity, volume and a hypothesis.

[TKI NZ Maths](#)

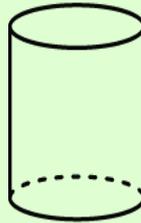
We are learning to - use non-standard units to measure the volume of a container.

Success Criteria - I can record the number of objects that fit my container.

Make a cylinder shape out of cardboard. Print the recording sheet below or create your own and count the number of objects you can fit in the cylinder.

This shows the volume of space the different items take in the container.

Recording sheet



12	pebbles	
7	crayons	
16	marbles	
11	cubes	
	toy cars	

Share your sheet with us on Seesaw



Learning Intention: understand the meaning of capacity, volume and a hypothesis.

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Ingredients: Homemade Play dough.

- 2 cups flour
- 1/2 cup salt
- 2 tablespoons cream of tartar
- 2 tablespoons oil
- 2 cups boiling water
- 1 teaspoon food colouring



Method

1. Mix all dry ingredients
2. Add oil and boiling water with colouring, mix well
3. Store in an airtight container

Share your amazing colour creations with us on Seesaw, show photos of you making it if you can



Learning Intention: Master my basic facts to 20

7's Cricket

You need a dice, an opponent and a recording sheet.

Write Batter 1 to Batter 7 on your sheet.

The batting side rolls the dice. A 1, 2, 3, 4 or 6 scores runs. If you roll a 5 you are out!

Each player gets 1 bat (or roll of the dice). Write their score down next to the batter.

Now let the maths begin. Add up all 7 of your batters scores and find your total. Now it's your opponent's turn to try and beat your score.

For example: Batter 1 scores 4, Batter 2 scores 3, Batter 3 is out (rolled a 5), Batter 4 scores 6, Batter 5 scores 1, Batter 6 scores 3, Batter 7 scores 4. Your total is 21.





Mathematics Level 1 - Can do's

Learning Intention: Practise our basic facts and skip counting.

Have some practice

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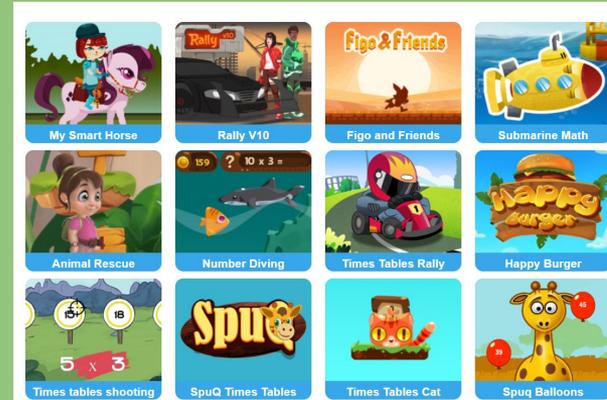
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This is a New Zealand maths site that enables the children to work at different skills, activities, areas.

To start they need to register, and below where it asks for a code it has a don't have a code opinion, which allows you to click learning from home.



Matific





Learning Intention: Understand the measurement concepts of capacity, volume, and weight.

We are learning to - accurately measure volume using standard kitchen measuring cups.

Success Criteria: I can record my measurements.

Measuring Muesli or Scroggin

You need: a packet of muesli or scroggin mix, kitchen measuring cups, paper and pencils to record your results.

What to do:

1. Separate the ingredients in the cereal or scroggin mix into different piles.
2. Measure the volume of each ingredient using the cups or spoons.
3. Record how much of each ingredient the muesli or scroggin mix contains.

- *What ingredients did you find?*
- *What ingredient had the biggest volume?*
- *How many cups or spoons did it fill?*
- *What ingredient had the smallest volume?*
- *How many cups or spoons did it fill?*
- *How many more cups or spoons were there of ingredient X than of ingredient Y?*



Upload your findings to seesaw



Learning Intention: To practise our basic facts to 10.

Can Do Box:

[NZMaths Level 2 Memory 10](#)

We are learning - our addition facts to 10

Success Criteria - I can use the cards to make sets of 10



What you do

- Remove the joker, kings and jacks from a regular pack of playing cards.
- Agree with your child that the queens are going to stand for zero.
- Shuffle and either spread the cards out face down or leave them in a pile.
- Take turns to choose pairs.
- Keep the pairs that add up to ten. (eg. $6 + 4$, $10 + Q$, $5 + 5$)
- The first person to get ten pairs is the winner.

Who won your game? Show us your winning pairs on seesaw.



Learning Intention: Understand the measurement concepts of capacity, volume, and weight.

We are learning to - accurately measure volume using standard kitchen measuring cups.

Success Criteria - I can follow instructions and measure ingredients.

Rice Bubble and Honey Square recipe

You need:

4 cups of rice bubbles, 2 Tbsp honey, 3 Tbsp sugar, 115g butter, pot and heating element
mixing spoon baking tray kitchen scales

What to do:

1. Put the following into a pot: 2 Tbsp honey, 3 Tbsp sugar, 115 g butter.
2. Bring ingredients to the boil and simmer for 4 minutes, stirring occasionally.
3. Take off the heat, add 4 cups of rice bubbles and mix quickly.
4. Put the mixture into the baking tray and leave to set.

Take a photo and share you maths creations on seesaw





Mathematics Level 2 - Extension Challenge

Learning Intention: Choose the correct maths operation to solve word problems

Word Problems

Dwayne is allowed to watch cartoons for 60 minutes each afternoon. If he has watched cartoons for 39 minutes, how much longer does he have left? Share you answer on SEESAW.





Learning Intention: Master my basic facts to 20

7's Cricket

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The batting side rolls the dice. A 1, 2, 3, 4 or 6 scores runs. If you roll a 5 you are out!

Each player gets 1 bat (or roll of the dice). Write their score down next to the batter.

Now let the maths begin. Add up all 7 of your batters scores and find your total. Now it's your opponent's turn to try and beat your score.

For example: Batter 1 scores 4, Batter 2 scores 3, Batter 3 is out (rolled a 5), Batter 4 scores 6, Batter 5 scores 1, Batter 6 scores 3, Batter 7 scores 4. Your total is 2.

What is your highest score over 5 matches? Share you answer on SEESAW.





Mathematics Level 2 - Can do's

Learning Intention: Practise our basic facts and skip counting.

Have some practice

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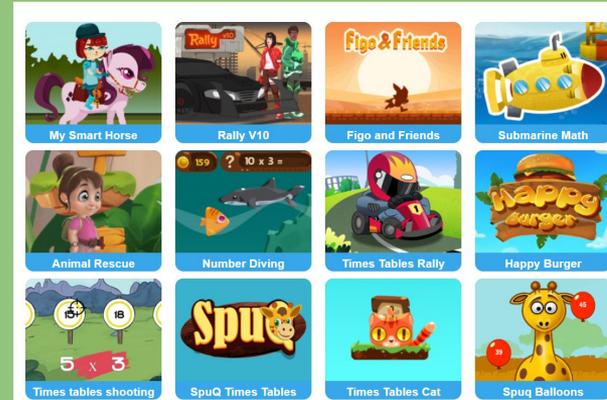
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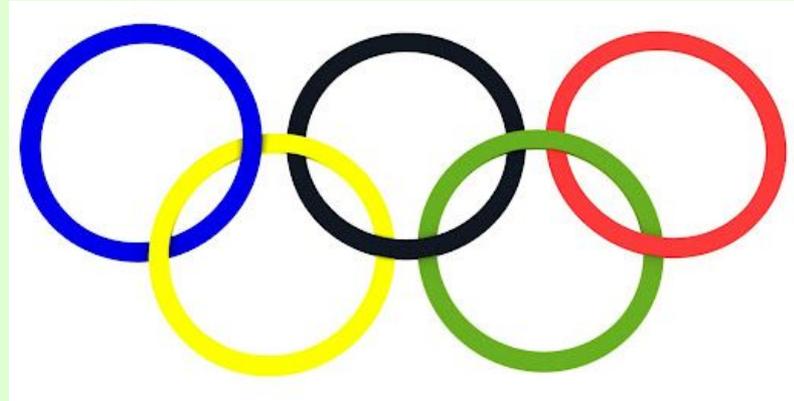


Learning Intention: Use appropriate scales, devices and metric units for length

Olympic Records Challenge

Olympic athletes are amazing. They make it look easy on TV, but do you know how far, high and long they really jump? These are the official Olympic records for five events. Grab your tape measure and measure them out at home (You might need to go outside!) Take a photo and post on SEESAW.

High Jump (womens)	2.06 metres
Triple Jump (mens)	18.09 metres
Long Jump (mens)	8.09 metres
Pole Vault (womens)	5.05 metres
Shot Put (womens)	22.41 metres





Learning Intention: To perform addition calculations with time

What's on your playlist?

We want to know what is on a music playlist at your house. Choose 10 songs (*they can be your favourite 10 songs, dad's, mum's or any other family member*). You might find these songs on old CD's, records, tapes or on youtube or spotify.

Write down the songs name and how long the track is. Now add up your top 10 playlist. How long will it take to listen to all the way through? Take a photo and post on SEESAW.

↗ My first two songs add up to 8 minutes 47 seconds

Eg

Song/Track Name	Time
-----------------	------

1 Savage Love	2.51
---------------	------

2 Sweet Child O'Mine	5.56
----------------------	------

3.....	
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Learning Intention: Choose the correct maths operation to solve word problems

Word Problems

Juniors rugby team scored 375 points. They scored 96 more points than the next closest team. What did the other team score for the season? Share you answer on SEESAW.





Mathematics Level 3 - Extension Challenge

Learning Intention: Choose the correct maths operation to solve word problems.

Extension - Word Problems

Isabella's mum needs to order frangipani to make flower headbands for her sister's wedding. There are 16 people in the bridal party, and each flower headband needs 28 frangipani flowers. How many flowers will Isabella's mum need to order? Share your answer on Seesaw.





Learning Intention: Master my basic facts to 20

7's Cricket

You need a dice, an opponent and a recording sheet.

Write Batter 1 to Batter 7 on your sheet.

The batting side rolls the dice. A 1, 2, 3, 4 or 6 scores runs. If you roll a 5 you are out!

Each batter rolls a dice until they roll a 5. After each roll write down the number on the dice. When the player is out add up all their scores for the batters total. Write their score down next to the batter on your recording sheet.

Eg. Batter 1 rolls, 3, 4, 2, 1, 6, 3, 2 5 (out). Batters one total is 21.

Now let the maths begin. Add up all 7 of your batters scores and find your total. Now it's your opponent's turn to try and beat your score.





Mathematics Level 3 - Can do's

Learning Intention: Practise our basic facts and skip counting.

Have some practice

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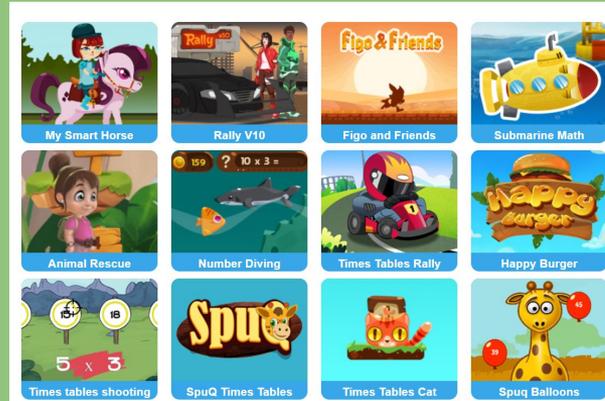
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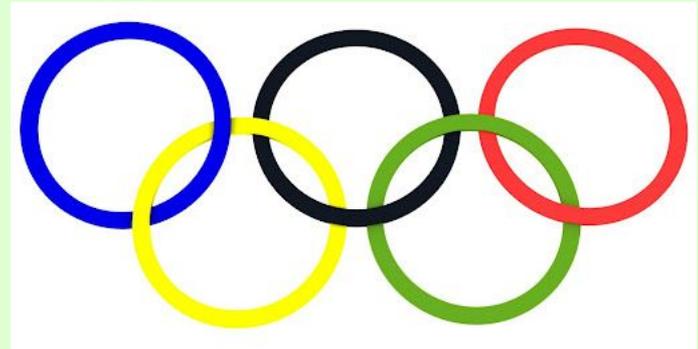


Learning Intention: Use appropriate scales, devices and metric units for length

Olympic Records Challenge

Olympic athletes are amazing. They make it look easy on TV, but do you know how far, high and long they really jump? These are the official Olympic records for five events. Grab your tape measure and measure them out at home (You might need to go outside!) Take a photo and post on SEESAW.

High Jump (women)	2.06 metres
Triple Jump (men)	18.09 metres
Long Jump (men)	8.09 metres
Pole Vault (women)	5.05 metres
Shot Put (women)	22.41 metres



If I threw, ran and jumped all of these distances, what would be the total distance I have covered?



Learning Intention: To perform addition calculations with time

What's on your playlist?

We want to know what is on a music playlist at your house. Choose 10 songs (*they can be your favourite 10 songs, dad's, mum's or any other family member*).

Write down the songs name and how long the track is. Now add up your top 10 playlist. How long will it take to listen to all the way through? Take a photo and post on SEESAW.

My first two songs add up to 8 minutes 47 seconds

Eg Song/Track Name	Time
1 Savage Love	2.51
2 Sweet Child O'Mine	5.56
3.....	



Can you listen to your playlist in 30 minutes? Share your answer on SEESAW



Learning Intention: Choose the correct maths operation to solve word problems.

Word Problems

Charlotte was running to train for her netball team. Her run was 4.6km long. If she has already run 2.78km, how much further does she need to run? Share your answer on SEESAW.





Learning Intention: Choose the correct maths operation to solve word problems.

Word Problems

Christian, Tony and Rebecca are looking at the lengths of their capes. Tony's cape is 1.1 metres long. Christian's cape is 35.48 cm longer than Tony's. Rebecca's cape is 24.7 cm longer than Christian's. What is the total length of all the capes? Share you answer on SEESAW.





Learning Intention: Master my basic facts up to 100

7's Cricket

You need a dice, an opponent and a recording sheet.

Write Batter 1 to Batter 7 on your sheet.

The batting side rolls the dice. A 1, 2, 3, 4 or 6 scores runs. If you roll a 5 you are out!

Each batter rolls a dice until they roll a 5. After each roll, write down the number on the dice. When the player is out add up all their scores for the batters total. Write their score down next to the batter on your recording sheet.

Eg. Batter 1 rolls, 3, 4, 2, 1, 6, 3, 2 5 (out). Batters one total is 21.

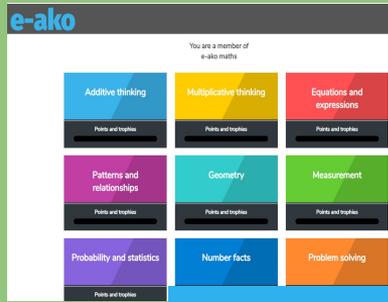
Now let the maths begin. Add up all 7 of your batters scores and find your total. Now it's your opponent's turn to try and beat your score.





E-Ako instructions

Learning Intention: make comparisons between objects according to the attribute being measured



Click on student Register

Fill out details

Agree to T&C

Then click Register

Click no join code? Click here

Click I am learning at home



Mathematics Level 4 - Can do's

Learning Intention: Practise our basic facts and skip counting.

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