## Moftosipek



## Your Introduction Co Maris Treck

Maths Trek is a whole-school numeracy program that provides everything you and your students need to explore maths in real-world contexts.
To maximise the benefits of the program, use the Student Book with the explicit teaching resources at Maths Trek Online to build, develop and strengthen each student's ability to work mathematically.


## Moiths trek Online

Maths Trek Online is home to lesson guides, teaching slides, interactive teaching tools, printable differentiation tasks and investigation notes.
You will also find Student Book answers, progress checklists, and preparation and planning documents at Maths Trek Online.

## Using fhe shodeni Book with Online



## © Topics

Use the online lesson guides and teaching slides to explicitly teach each topic. Then work together with your students to help them complete the scaffolded activities in the Student Book.
The Student Book is an integral part of the consolidation process. Once you have explicitly taught each concept, it is essential that students apply what they have learned to the activities.

## Revision

Use the revision activities throughout the Student Book to consolidate each student's learning and identify strengths and weaknesses.

## O Jnvesfig@ßions

Investigations provide students with opportunities to apply maths concepts learned in previous weeks to unfamiliar, extended mathematical problems. Use the online teaching notes, exemplars, stimulus images and printable resources to introduce and guide students through each investigation. Work with your students to plan and complete each step of the investigation, including the Student Book activity.
Use the online share and discuss questions in the final step of the investigation to ensure students reflect, reason and communicate their understanding of what they have discovered.

## Progress checklisff

Download the Progress checklists at Maths Trek Online to record student
progress across all curriculum strands.


## Term 1

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1.4 Long/short, wide/narrow, thick/thin 8

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## Planning made easy

Maths Trek guides you and your students through a sequence of topics, revision and investigations.

As the year progresses, your students consolidate their learning and revisit concepts. They also have ample opportunity to apply what they've learned to unfamiliar, extended maths problems.
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Stickers133-137

133-137


Trace the number. Say the number. Show the number.
*

(1) Circle groups of 3 .

(3) Draw 3 oranges in the lunchbox.

(2) Colour 3 strawberries.

(4) Draw 3 cherries in each bowl.

(5) Trace the number. Start at the dot. Finish the row.


## 112 topics in Foundation!

From number and measurement to space and statistics, your students complete a variety of hands-on activities in the lesson and then apply what they've learned in the Student Book.


two
(1) Write how many.

(2) Write how many.
Create your own fruit face using a paper plate and the stickers on page 133.
Show and tell how many you used.

(1) Draw a long tail on the cat. Draw a short tail on the dog.



Draw a short beak.

(3) Draw a long beak.

(4) Tell a classmate why you think some birds have long beaks.
(5) Draw short hair.

(6) Draw long hair.

(7) Draw a face on a paper plate. Cut and glue wool for hair.

Discuss with a classmate if the hair is short or long.

(1)

Use the stickers on page 133 to shc


The ball is in front of the girl.


The orange is between the apples.


The frog is in front of the kangaroo.


These questions are a great way to start a discussion about the key concept of the lesson before students complete the activities.


The dog is behind the cat.


The kangaroo is next to the bush.


The boy is behind the girl.

## Consolidate concepts

Key topics, like this one, are revisited throughout the year to consolidate learning.

(1) Write the number of biscuits in each bowl.

(2) Circle the bowls in each row that have the same number of biscuits.
(3)

Draw more blueberries so every plate has the same number.

(1) Use the stickers on page 135 to show each runner's

(2) Colour 4th and 5th place blue.
(3) Colour 2nd and 3rd place green.
(4) Colour the winner in 1st place red.


How are the jelly beans sorted?
Which jar has the most beans?
(1) Sort a handful of red, blue, yellow and green counters onto the matching jars. Write how many counters. Draw them.

(2) Which jar has the most?red
yellow
$\square$ blue
$\bigcirc$ green
(3) Which jar has the least?
$\bigcirc$ red yellow $^{\square}$ blue
(1) Write how many.


Colour the tall lamp.

(5) Circle the wide window.


## Regular revision

Every 4-5 weeks, your students complete revision activities based on the preceding topics. This regular revision is great for consolidating learning and identifying each student's strengths and weaknesses.

(4) Colour the thin worm.

(6) Draw a long pencil and a short pencil. Tick the long pencil.
(7) Write the numbers and draw pictures to match.

(1) Write how many.


Colour the 1st fish blue.
Colour the 5th fish red.
Colour the 3rd fish green.

(2) Draw more jelly beans to make 5.

(4) Draw lines to match.

(5) Draw lines to match each cat with a bowl. Write how many.

6) Draw a ball next to the bat.

(7) Colour the low mango.


## Ozeantute

## Ready, set, go!

Bring maths to life
Designed to be conducted over a week, every investigation is packed with opportunities for your students to apply their maths skills to unfamiliar, extended problems.

It's time for the Oz-animal Olympics. Choose your team and get ready for some games!
Whose team will win the most medals?
(1) Colour your team.


Cockatoos


Kangaroos


Frogs


Possums
(2) Draw a picture of your team lined up in order.

(3) Complete the sentences.

There are $\square$ people in my team. I am in $\square$ position.

## OThe Maths Trek Program

Maths Trek is a whole-school numeracy program for Foundation to Year 6 that develops mathematical understanding, fluency, reasoning and problem-solving skills.
The Student Book together with the explicit teaching resources at Maths Trek Online build, develop and strengthen each student's ability to work mathematically.
Use the comprehensive online teaching resources to explicitly teach each concept before students apply their learning in the Student Book.

## In the Student Book you will find ...

- scaffolded activities for every topic with opportunities to reflect and communicate understanding
- concepts revisited and developed throughout the year
- investigations where students apply maths skills to unfamiliar, extended mathematical problems to strengthen connections between concepts
- regular revision activities to consolidate learning


## At Maths Treb Online you will find .o.

- explicit teaching slides and lesson guides for every topic
- engaging visuals and hands-on activities in every lesson
- 2 levels of differentiation tasks for every topic
- interactive teaching tools
- digital and printable resources to guide students through every investigation
- progress checklists
- access to teaching resources for all year levels


## Head fo wwwsfireflyeducation.eom.@v/mathstrelk fos

- view Maths Trek sample pages from other year levels
- download the curriculum match and yearly plan documents
- check out the full Maths Trek product range
- book a meeting with your local education consultant to learn about Maths Trek.

