

A STEM-sational new book series for
adventure seekers and super problem-solvers

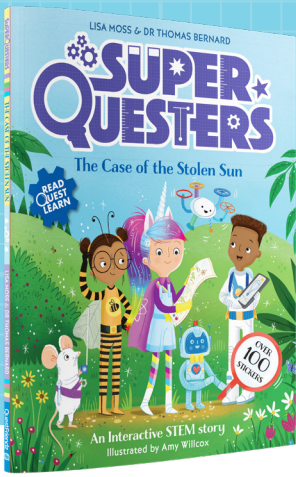
SUPER QUESTERS



READ
QUEST
LEARN



ACTIVITY PACK



SUPER QUESTERS

The Case of the Stolen Sun

BY LISA MOSS & DR THOMAS BERNARD



Welcome to the SuperQuesters Resource pack!

We're delighted to introduce you to the brand new SuperQuesters series, which has been expertly designed by authors Lisa Moss and Dr Thomas Bernard to develop STEM skills for children aged 4-8. Perfect for fans of *Izzy Gizmo*, *Ada Twist*, *Scientist*, the *Fantastically Great Women* series and superhero enthusiasts, these fantastic new books are ideal for children who love learning through play.

SuperQuesters is a young fiction adventure series at its heart with a non-fiction educational twist. Each adventure addresses a specific scientific question and the central characters become their alter ego superheroes, the SuperQuesters, journeying to magical Questland to answer the question for the reader. Readers are invited to help the SuperQuesters complete their 'quest' by interacting with a series of activities (the STEM quests) to arrive at the answer. While completing each overarching 'quest' in Questland the reader develops **10-12 different STEM skills** such as **coding, abstraction, logic and trial and error**, covering key aspects of the **Key Stage 1 Computing, Maths and Science National Curriculum**.

This resource pack has been created for use in the classroom, at home or for home-schooling, with creative and interactive activities to help make STEM learning fun and engaging.

School bundles including copies of *SuperQuesters: The Case of the Stolen Sun* and downloadable **SuperQuesters Teacher's Guide** are available for purchase to bring the books and STEM learning to life in the classroom. Order from www.questfriendz.com/superquesters or your preferred school supplier – or contact MMS (Info@mms-publishing.com) to discuss with a regional school consultant.

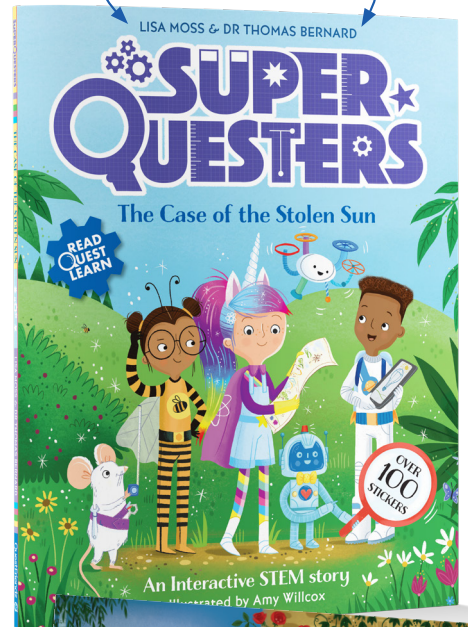
It's time to Read, Quest, Learn!



ABOUT THE BOOK

Launching with *SuperQuesters: The Case of the Stolen Sun*, the SuperQuesters series is a unique new concept in storytelling combined with hands-on learning.

In *SuperQuesters: The Case of the Stolen Sun*, Lilli, Leo and Bea unite to solve the challenging science problem 'what makes things go up?' as the SuperQuesters, Lillicorn, Leo Zoom and Bea Bumble. Can their readers help to solve the quests to track down Lord Grumble and return the stolen sun to Questland before it's too late? The SuperQuesters show that *anything* is possible with **clear thinking, logic and patience**. With over **100 reusable stickers** in each book, plus a **reward chart, glossary and answer page**, children will love charting their progress and celebrating their success.

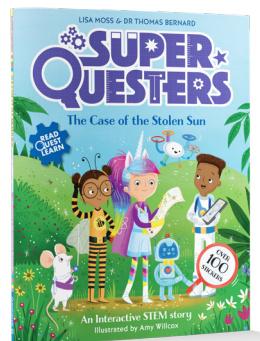


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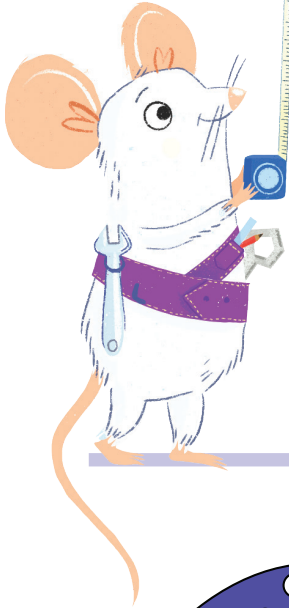
Bea Bumble's Hot Air Balloon Design Challenge

In *SuperQuesters: The Case of the Stolen Sun*, the SuperQuesters find out how something as heavy as a hot air balloon can leave the ground (answer: because the hot air rises and fills the balloon).

Design your own hot air balloon below.



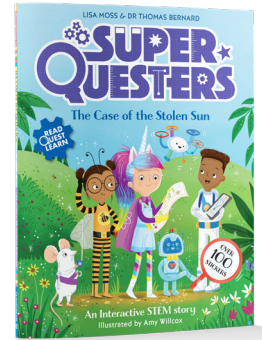
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Atom's Logic Challenge

You can count things in many different ways.

Can you help Atom to count the mushrooms by answering the questions below?



How many mushrooms include the colour red?

How many mushrooms include more than two colours?

How many mushrooms do not include the colour blue?

How many mushrooms include two colours?

How many mushrooms do not include the colour purple?

How many mushrooms include the colour green?



STEM SKILLS: Logic, reasoning

Discover more at: www.questfriendz.com



@QuestFriendz #SuperQuesters

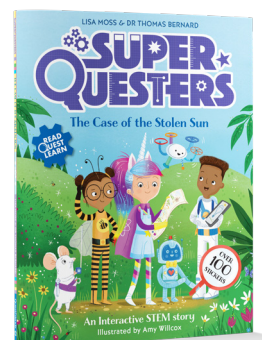
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Leo Zoom's Flying Challenge

The Queen of Questland floats up in the air in a hot air balloon.
What other things can you think of that go up in the air?



Draw them in the space below.



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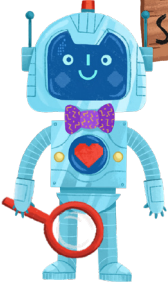

B-bot's Coding Challenge

Can you help B-bot to collect all the classroom items on his way to meet Bea Bumble?
Draw arrows in the blocks from **Start** to **End** (including those with classroom items).

Watch out for the Snapettes, they won't let you pass!  

You can only land on the same block once. Try to complete the quest in 9 steps.





STEM SKILLS: Coding, sequencing

Discover more at: www.questfriendz.com



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Create Your Own SuperQuester Challenge

Draw yourself as a member of the SuperQuesters gang.

What will you wear? What are your superpowers, strengths and special STEM skills?

Lillicorn Facts

Superpower: loves to explore

Strength: finding answers to big questions

Special STEM skill: experimenting with liquids, solids and gases



Bea Bumble Facts

Superpower: dreaming up amazing creations

Strength: learns from her mistakes

Special STEM skill: designing and building inventions



Leo Zoom Facts

Superpower: lightning speed calculations and coding

Strength: super-duper problem-solver

Special STEM skill: a Maths wizard and super coder



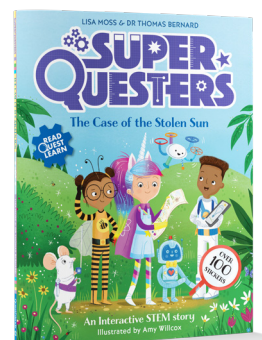
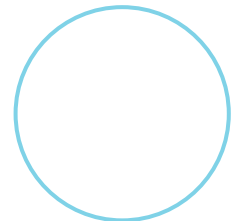
My SuperQuesters name is _____

My Facts

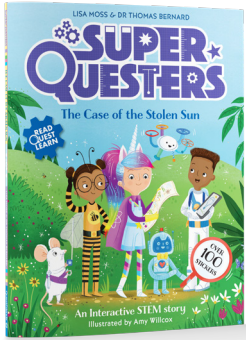
Superpower: _____

Strength: _____

Special STEM skill: _____



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Lillicorn's Sorting Challenge

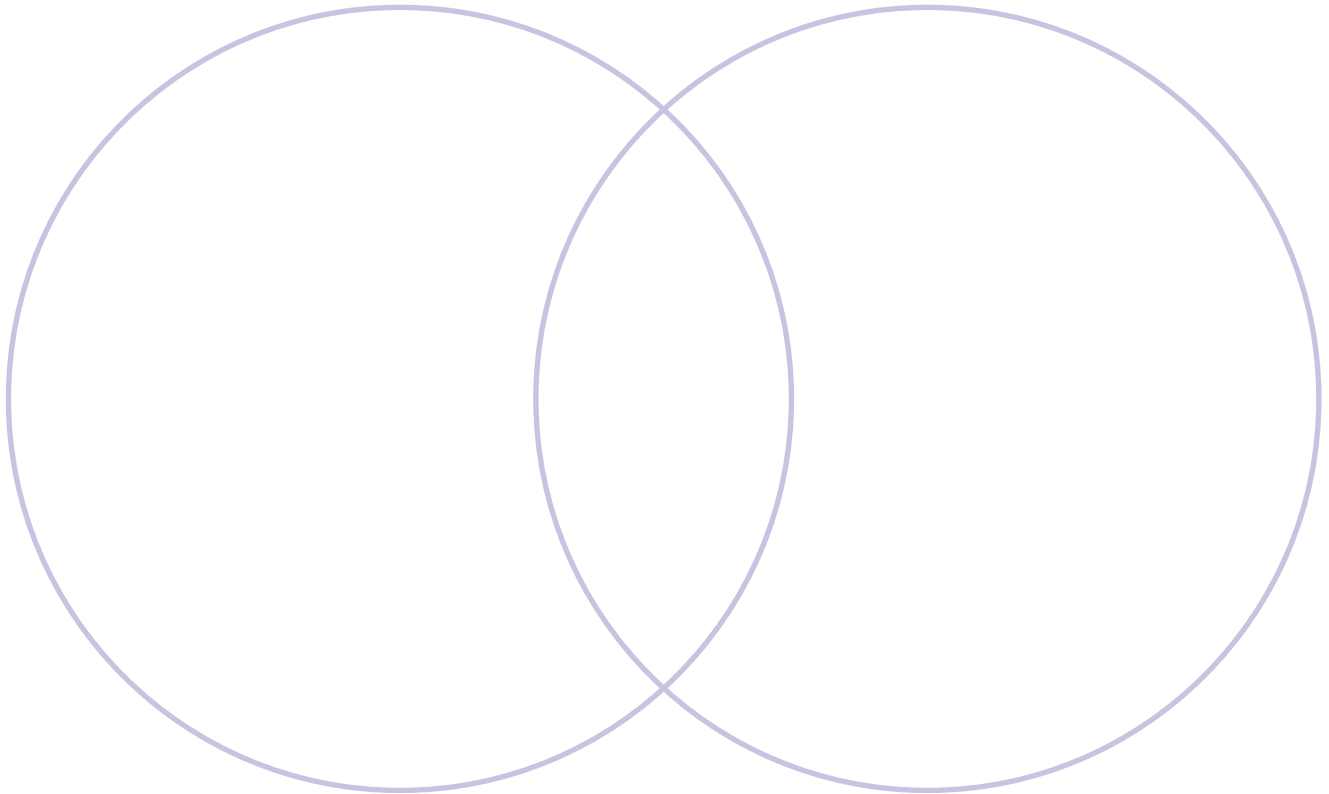
Can you help Lillicorn to sort all the items according to **sea life** and the colour **green**?

Cut out each item and stick in the correct circle(s).



Sea Life

Green



STEM SKILLS: Sorting

Discover more at: www.questfriendz.com



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AWARD CERTIFICATE

This is to certify that

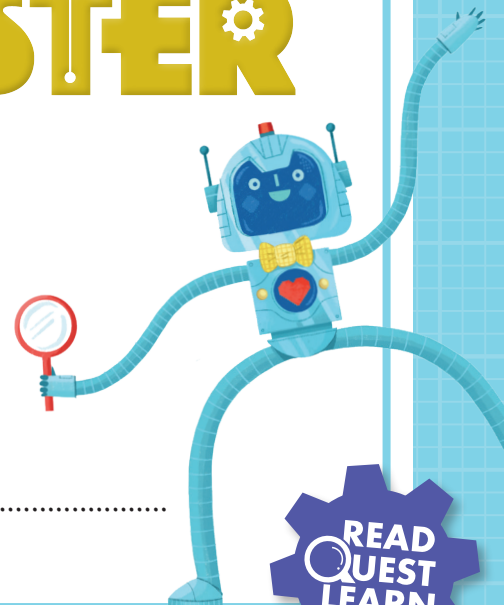


is a fully qualified

The Case of the Stolen Sun

SUPER QUESTER

Congratulations!



Date:

Signature:

