



Crucial Knowledge Organisers

Y1 Spring 2024



Spring 2:

English-The Curious Case of the Missing Mammoth

Maths-Number to 50 and Measures

Science-Everyday Materials

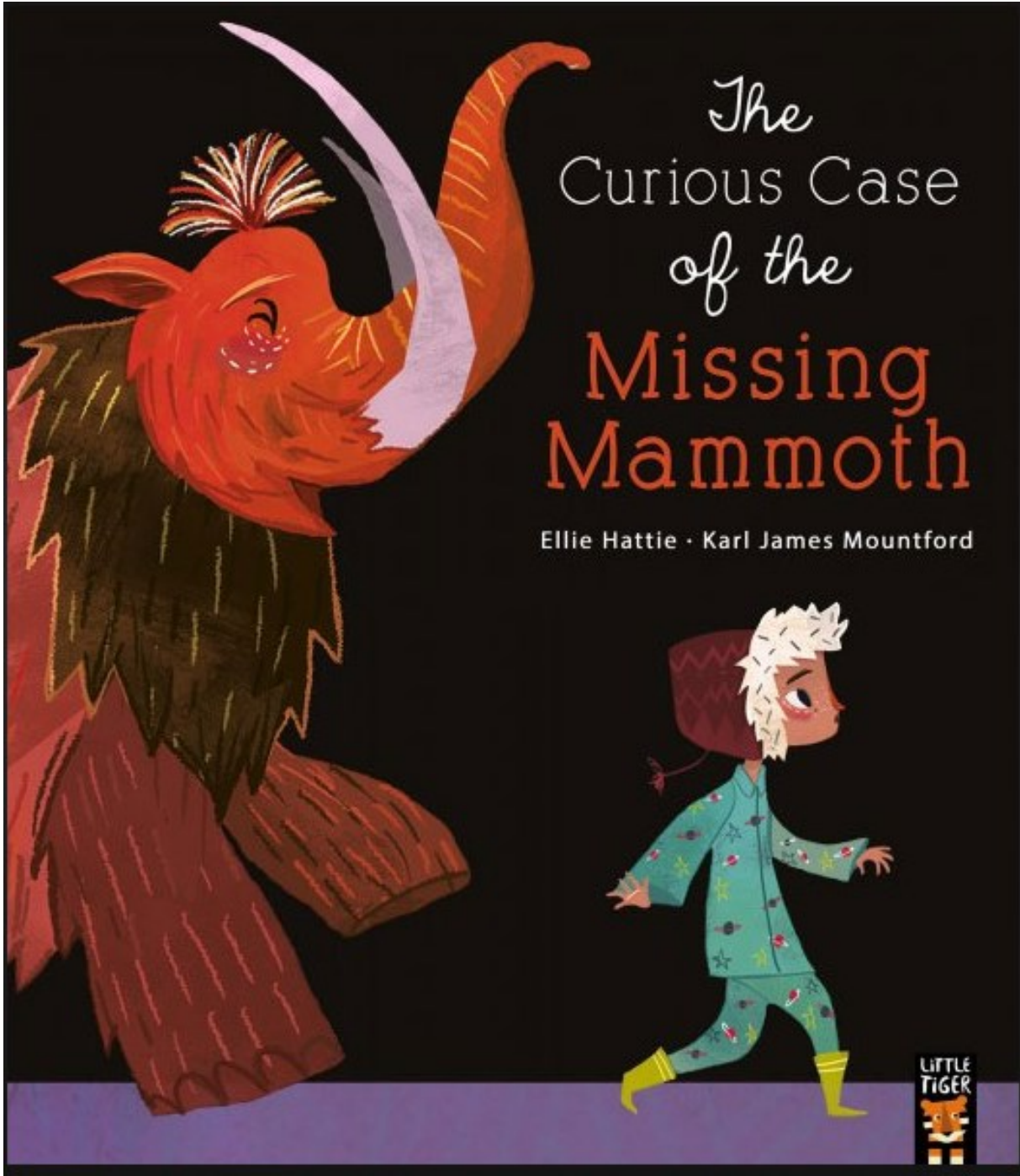
Geography-All Around the World

RE-Easter

DT-Stable Structures

Computing - Animated story books

Music-Round and Round



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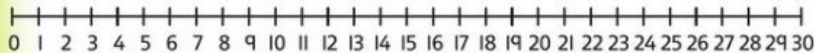
Unit 8

Numbers to 50



- In this unit we will ...
- ⚡ Count up to 50
 - ⚡ Compare numbers to 50
 - ⚡ Order numbers
 - ⚡ Count in 2s and 5s
 - ⚡ Solve word and picture problems

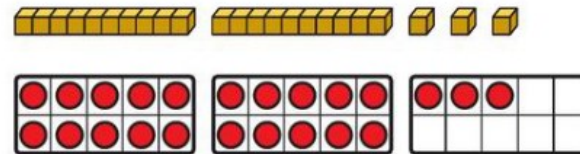
We can use a number line to help us order and compare numbers. Which number is larger, 12 or 21?



We will need some maths words and signs. Do you remember these?

- ones
- tens
- compare
- order
- less than (<)
- greater than (>)

We can use different equipment to show the value of a number. We can use cubes, bead strings, ten frames or rekenreks. What number is shown here?



Unit 9

Introducing length and height



In this unit we will ...

- ⚡ Compare lengths and heights of objects
- ⚡ Use non-standard units to measure objects
- ⚡ Measure with a ruler
- ⚡ Solve word problems about length

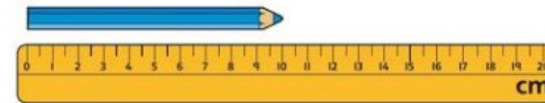
We can use cubes to help us compare the length of objects. Which is longer, the pen or the pencil?



We will need some maths words. Can you read them out loud?

- long, longer, longest
- measure
- length
- tall, taller, tallest
- short, shorter, shortest
- wide, wider, widest
- thin, thinner, thinnest
- compare
- height

We use a ruler to measure lengths. How long is this pencil?



Unit 10

Introducing mass and capacity



- In this unit we will ...
- ⚡ Compare the mass of objects
 - ⚡ Weigh objects
 - ⚡ Compare the capacity of objects
 - ⚡ Measure capacity
 - ⚡ Solve word problems about mass and capacity

This is a balance scale. We can use it to compare the mass of objects. Which item do you think is heavier?



We will need some maths words. Can you read them out loud?

heavier, heaviest lighter, lightest

capacity balance scales full

empty compare weight, weigh mass

balanced measure estimate

We can use glasses to measure capacity. Which jug had the most squash in it?



Year 1 – Spring 2 Everyday Materials

Crucial Knowledge Organiser



Key Vocabulary	
object	A thing that can be used. For example a door, chair, car, table are all objects .
material	Materials are what an object is made from.
hard	Not easily broken or bent.
soft	If something is soft , it is easy to cut, fold or change the shape of.
stretchy	Can be pulled to make it longer or wider without breaking.
shiny	Reflects light easily.
dull	Doesn't reflect light. Doesn't look bright or shiny .
rough	If something is rough , it feels and looks uneven or bumpy.



plastic



plastic toys



wood



wooden furniture



glass



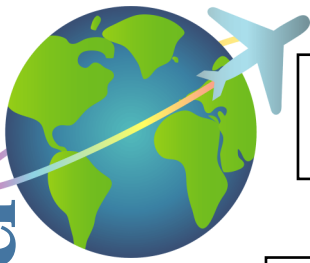
glass window



metal



metal tools



All Around The World

Geography

Y1 Spring 2



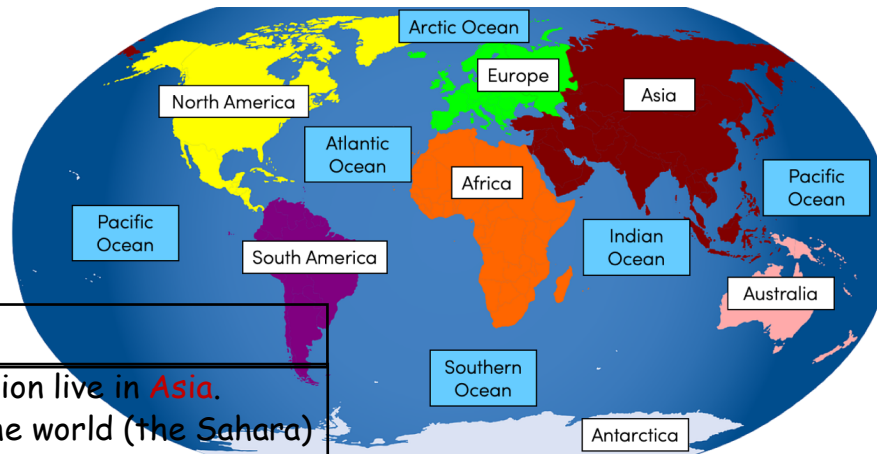
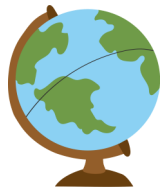
What Do I Know Already?

EYFS

To spot simple information from a simple map.
Begin to recognise some similarities and differences between life in this country and life in other countries.

Year 1

Knowledge of the place you live (Burslem).
Some features of the area you live (Burslem).
How to use an atlas to locate places.



Cool Continent Facts

Half the world's population live in **Asia**.
The largest desert in the world (the Sahara) is in **Africa**. **North America** is twice the size of **Europe**.
Over half of Australia (which is in **Oceania**) is desert or receives little rain.
The Amazon rainforest is in **South America**.
Antarctica is known as the 'frozen conti-



Key Questions

KQ1: Can I name the 7 continents and 5 oceans?

KQ2: Which continent do I live on?

KQ3: What is the largest country in Asia?

KQ4: What landmarks can be found in Oceania?

KQ5: What is it like in Africa?

KQ6: Are all of the continents the same?

Vocabulary That I Already Know

map country atlas human feature

New Vocabulary

Continents

Asia Africa North America South America
Antarctica Europe Oceania

Oceans

Pacific Atlantic Indian Southern Arctic

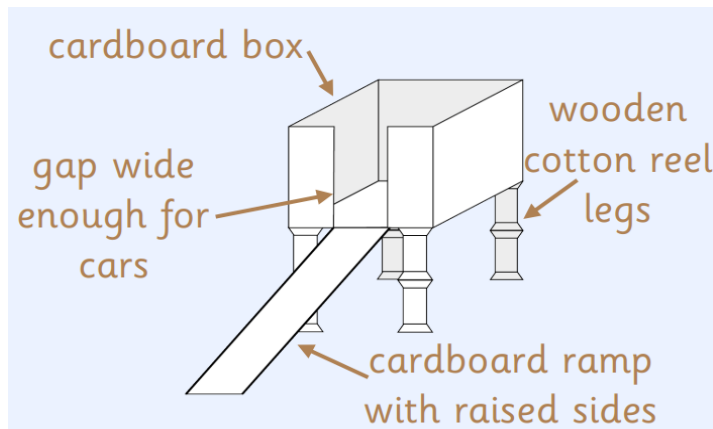
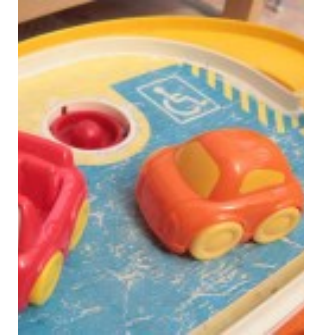
Continent	A very large area of land that includes all the islands with it.
Ocean	A very large area of sea.
Compass	A piece of equipment that tells you what direction you are travelling in.
Land-mark	A well-known building or place.

Year 1 Design and Technology – Spring 2

Stable Structures

Design

- ◆ I can identify the features of toy garages.
- ◆ I know what the word 'stable' means (not likely to fall or give way as it is fixed and steady).
- ◆ I know some ways to make a structure more stable.



Make

- ◆ I can make changes to the design of a stable structure to make it fit for purpose.
- ◆ I can explore how to make stable structures that hold a given object.
- ◆ I can follow a design to make a stable structure.

Evaluate

- ◆ I can evaluate the usefulness of materials and their properties for a particular project.
- ◆ I can evaluate my finished structure against a set of given criteria.

Does the structure stand up on its own?

Does your structure have an entrance and exit?

Round and Round



Listening:

You will listen to the song Round and Round. Can you dance, get funky and find the groove? Can you hear singers, keyboard, bass, guitar, percussion, trumpets and saxophone? You will listen to and talk about the songs below. Which instruments can you hear?



Livin La Vida Loca by Ricky Martin



The Imperial by John Williams



It Had Better Be Tonight by Michael Buble

improvise



Why Don't You by Gramaphonedzie (DJ Marko Milicevic)



Oye Como Va by Santana



Musical Activities

Find the pulse!

- Use your imagination to find the pulse!

Clapping Rhythms

- Copy and clap back rhythms
- Clap the rhythm of your name
- Clap the rhythm of your favourite animal
- Make up your own rhythms

Pitch is high and low sounds.

Singing and dancing and having fun!

Playing instruments using up to three notes – D or D, F, C + D. Which part did you play?

Improvise using the notes D + E:

- Challenge 1** Clap and Improvise
- Challenge 2** Sing, Play and Improvise
- Challenge 3** Improvise

Which challenge did you get to?



Perform & Share

A class performance of Round And Round – with singing and playing. Introduce your performance to your audience. Can you include some funky moves? Have a fantastic time; enjoy it! Talk about it together afterwards. How did it make you feel? Will you record it?

Do you know what all the key words mean?

Which song is your favourite and why?

Who can be in an audience?

Can you name the instruments you have been playing?

What notes did you play?

Can you follow a musical leader?



Vocabulary	Meaning
Word	Meaning
pulse	the steady beat
rhythm	patterns of long and short sounds
pitch	range of high and low sounds
improvise	make up a tune or rhythm
compose	create a musical idea and "fix" it
perform	sing and play instruments
audience	people who watch a performance

keyboard	
guitar	
bass	
percussion	
trumpet	
saxophone	