Reception

HOME LEARNING

Oldbury Park PRIMARY RSA ACADEMY

Hello Reception! We hope that those of you at home are well and safe. It's been great to have some children back in school. Although some of you are not returning yet, it feels inclusive to know we are doing the same learning together. This week, all learning will be focused around another Julia Donaldson story 'The Princess and the Wizard'. It's a great story where the princess tries to change colour or shape seven times to escape in time for her birthday party and of course cut her birthday cake! You could help Princess Eliza at home, why not make a shopping list for a birthday party? Design some invitations? Or think of your own cool and clever ways to escape the wizard. The story focuses a lot on colour, I wonder how many colours you could wear collectively as a family? As always, keep sending us what you do via Tapestry. It will be great to share with you what we do at school too. Please don't hesitate to contact us if you need anything. We miss you!
The Reception Team ☺

EVERY DAY

Daily Maths lessons - https://whiterosemaths.com/homelearning/
Click on 'Home Learning -Early Years'. Then choose 'Summer Term - Week 7'.
This week's activities will be based around the book 'The Princess and the Wizard' by Julia Donaldson.
https://www.youtube.com/watch?v=babXCIRMjQM

Watch a 'number blocks' video on IPlayer

Length challenge!
Can you find things in your home that are the same length as my wizard wand? My wand is 10cm long.
Can you find anything shorter than my wand?
Can you find anything longer?
If you find more than one thing (You could use twigs from your garden), can you order the from shortest to longest?

When we are recapping Phase 3 phonics, It's important to remember all the sounds we have learnt so far. Even the ones that we are really good at! This week we would like you to recap digraphs that we know well. See if you can spot them in words quickly when reading. Can you remember to use them when spelling words? This week have a go at writing dictated sentences using this week's sounds (see attached). Can you remember to use finger spaces between each word? Try the assessment to see which sounds your child needs to work on most. https://www.twinkl.co.uk/resource/t-l-5167-new-phase-3-phoneme-flash-cards

Keep learning the new tricky words with the song too. https://www.youtube.com/watch?v=3NOzgR1ANc4

Monday- 'sh'
https://www.youtube.com/watch?v=7gBsGxhdt2E
Tuesday- 'ch'
https://www.youtube.com/watch?v=mGSFG37LewA
Wednesday – 'th' (remember this one makes 2 sounds- don't forget to stick your tongue out!)
https://www.youtube.com/watch?v=7f74GArsWis
Thursday – 'ng'
https://www.youtube.com/watch?v=Nrjb0rIer5M
Friday – handwriting and tricky words. Practise the alphabet this week. Think about forming every letter correctly. Remember to start in the right place by looking at the arrows (see attached). Can you find anything in your house that has week's sounds in it? Have a go at writing the tricky word 'some '. Can you use it in a sentence?
Why not get your hands ready for writing and try some dough disco at home? All you need is a little playdough.
https://www.youtube.com/watch?v=i-IfzeG1aC4

Read one of your books from school or find a new one on the Oxford Owl website.
https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/?view=image&query=&type=book&age_group=Age+4-5&level=&level_select=&book_type=&series=#
Why not check out Julia Donaldson's website to see if you'd like any of her books? You can also listen to them on amazon audible.

audible

Play a game on the phonics play website. Select "phase 3" for the appropriate level.
https://new.phonicsplay.co.uk/
Username: **march20**
Password: **home**

Why not have a go at some yoga?
https://www.youtube.com/user/CosmicKidsYoga

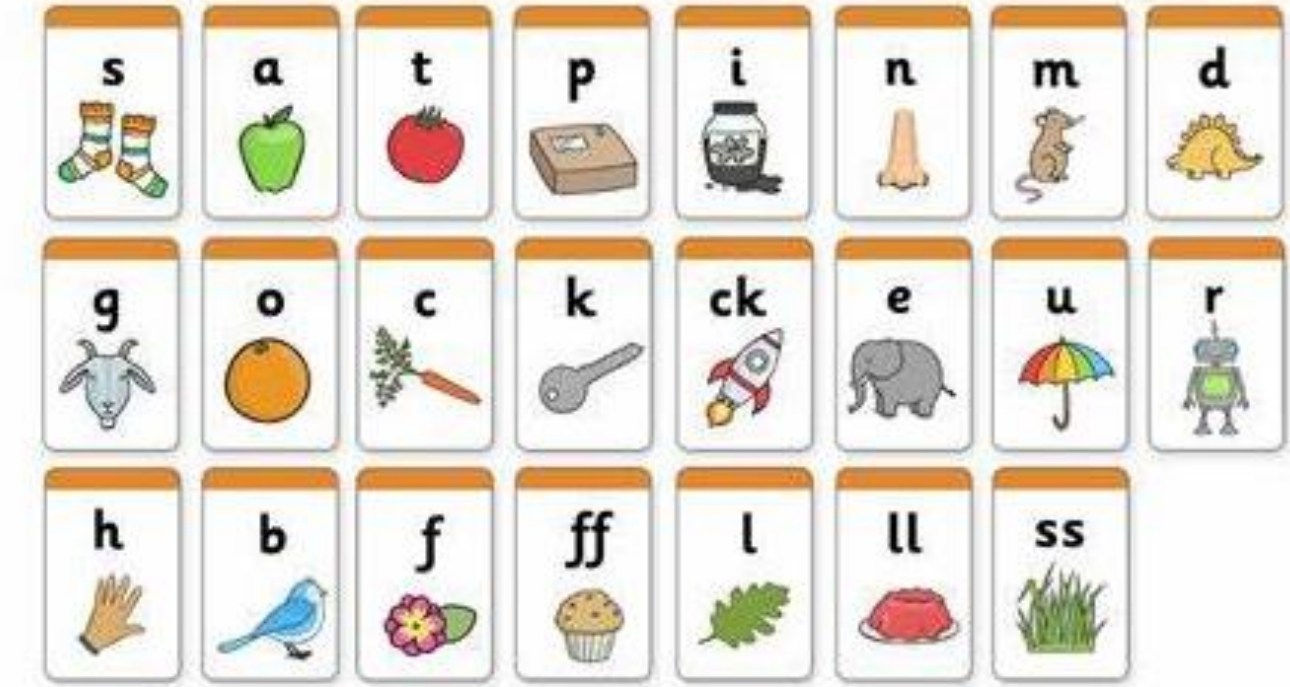
Additional tasks for this week (01/6/20)

Our topic this half term is 'Julia Donaldson'. This week all our activities are based around the book 'The Princess and the Wizard' We love this story! It made us want to try making our own potions and wands!
Choose at least one of the activities below and have a go.

Understanding the World – Become a wizard yourself and have a go at creating a 'Rainbow Wizard's Brew'. Can you predict what you think will happen when you add the baking soda? Does stirring make any difference? What do you notice during the experiment? If you don't have the resources at home for this experiment, see if you can have a go at a different one.
https://www.twinkl.co.uk/resource/t-t-8917-science-experiments-at-home (see attached documents).

Exploring Media and Materials – Can you design and make your own magic wand? You could be creative with the resources you have at home. If you need some help, have a look at the instructions below for creating a magic wand.

Literacy- Draw a picture of how you would escape if you were Princess Eliza. Can you write a sentence to explain what you would do?



My Phase 2 Sound Mat

My Phase 3 Sound Mat

Phase 3 Assessment Sheet

Before starting Phase 3 you should expect the child to get very few ticks from set 6 onwards. At the end of phase 3 children should be able to get almost all ticks.

Tick the first box if the child can say the sound by looking at the phoneme.

Tick the second box if the child can write the sound upon hearing the phoneme.

Stop the assessment if the child seems to find it too difficult.

Set 1		
s		
a		
t		
p		

Set 2		
i		
n		
m		
d		

Set 3		
g		
o		
c		
k		

Set 4		
ck		
e		
u		
r		

Set 5		
h		
b		
f		
ff		
l		
ll		
ss		

Set 6		
j		
v		
w		
x		

Set 7		
y		
z		
zz		
qu		

Consonant Digraphs		
ch		
sh		
th		
ng		

Vowel Digraphs and Trigraphs		
ai		
ee		
igh		
oa		
oo		
ar		
or		
ur		
ow		
oi		
ear		
air		
ure		
er		

Observations

Phonics Snakes and Ladders Game

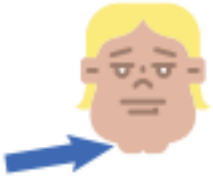
s-n-a-ck 20	b-l-i-n-k 21	c-l-o-ck 22	s-m-e-ll 23	FINISH
th-r-ee 19	b-r-ow-n 18	17	s-m-a-sh 16	s-p-oo-n 15
m-u-n-ch 10	s-m-oo-th 11	p-r-i-n-t 12	s-t-i-ng 13	sh-r-i-m-p 14
d-r-ai-n 9	c-r-e-ss 8	th-r-oa-t 7	th-i-n-k 6	g-r-a-ss 5
START	t-w-i-g 1	th-a-n-k 2	t-r-i-p 3	p-l-a-n-t 4


a b c d e f g h i
j k l m n o p q
r s t u v w x y z

chick	
fish	
king	
ring	
shed	

shell	
ship	
chip	
sing	
bush	

chin



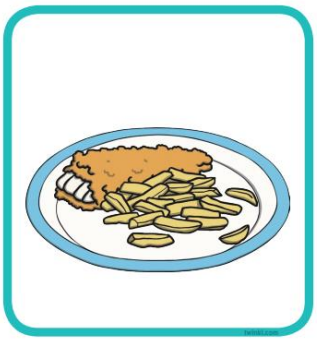
wing

moth

Write a word or sentence for each picture.

Can you use the sounds we are learning about this week?

sh ch th ng

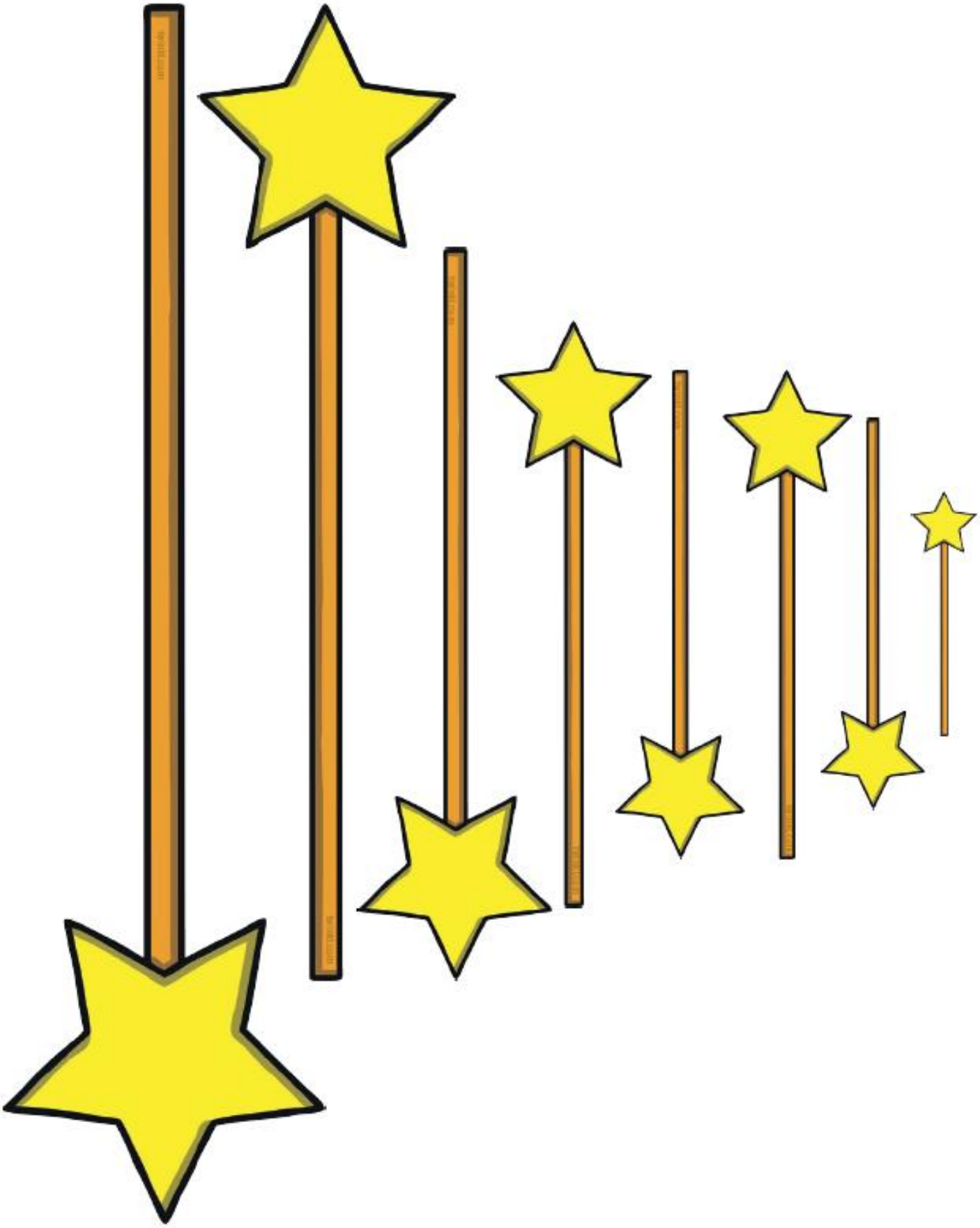


Dictated Sentences.

*Read aloud to your child. Give them a point for every time they use a digraph correctly. Remember finger spaces between each word!

1. This wheel is thick but that wheel is thin.
2. I think there will be a thunderstorm.
3. The witch sat on a long branch.
4. I can see a bunch of bananas.
5. The king had a ring.
6. I can sing a song.
7. Let's go to the shop.
8. I have a pet fish.

Cut out the wands and order them from shortest to longest.



https://babbledabbledo.com/20-science-projects-for-preschoolers/

RAINBOW WIZARD'S BREW

Ingredients:

- Baking soda
- Liquid Watercolours or food colouring
- Glitter
- Washing up liquid
- Vinegar
- Glass jar
- Small plastic containers
- Tray

Instructions:

Fill the jar halfway with vinegar.

Then add a few drops of one colour of liquid watercolour/food colouring and some glitter.

Squeeze in some washing up liquid, stir, and place the jar on a tray.

Now add in a heaping teaspoon of baking soda, stir again, and watch the foaming begin!

The washing up liquid makes it foam rather than fizz. To keep the reaction going continue adding baking soda and vinegar when the foam starts to slow.

To make it change colours, add a tablespoon of vinegar mixed with one colour of liquid watercolour/food colouring every so often. Make sure to add the coloured vinegar into the centre of the brew.

Tip: Stir It!

Dissolving

Which solids dissolve in water?

You Will Need

- Water (hot and cold)
- Transparent Containers
- Substances to try and dissolve; sand, sugar, salt, coffee etc

Method

1. Add a teaspoon of whichever solid you are testing to a glass of cold water and a glass of hot water, stir and observe the difference.
2. Look to see if the solid dissolves in the hot water and cold water and if one is better than the other.
3. Can you design a chart to record your observation?

The Science Bit

Things like salt, sugar and coffee dissolve in water. They are soluble. They usually dissolve faster and better in hot water. Pepper and sand are insoluble, they will not dissolve even in hot water.

For Older Children

Everything is made of particles which are always moving. When a soluble solid (solute) is mixed with the right liquid (solvent), it forms a solution. This process is called dissolving.

Two things that affect the speed at which the solid dissolves are temperature and the size of the grains of the solid. Caster sugar which is made of fine particles will dissolve quickly, but bigger sugar particles will take longer.

Solids dissolve faster in hot water as in hot water the water molecules are moving faster, so bump into the solid more often which increases the rate of reaction.

Fireworks in a Glass

You Will Need

- Warm Water
- Oil*
- A Tall Glass
- Food Colouring

* Please dispose of oil safely and responsibly.

This is a very cool, simple and fun experiment, and also completely safe, just don't drink the water!

Method

1. Fill the tall glass with warm water.
2. Pour a small amount of oil into another container and add a few drops of food colouring.
3. Give it a good stir, if it doesn't mix, add a bit of water.
4. Pour the food colouring and oil mixture into the warm water and watch the fireworks!

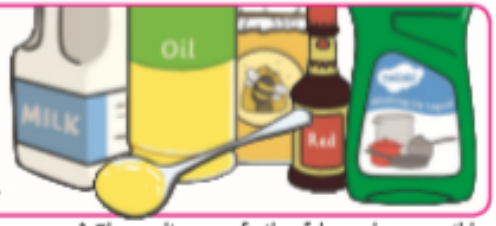
The Science Bit

Oil and water don't mix. Also oil is less dense than water (meaning there is less of it in the same volume) and therefore floats on top of water in a nice layer. The food colouring we used was water based and therefore does not mix with the oil, instead it sinks through the oil into the water below. Since the addition of the colouring makes the food colouring heavier than the water, it sinks to the bottom leaving trails (resembling fireworks) as some of the colour diffuses into the water.

Fun with Density

You Will Need

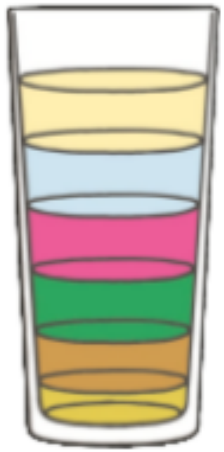
- Honey
- Milk
- Water
- A Glass
- Vegetable oil*
- Food colourings
- Golden syrup
- Washing up liquid



* Please dispose of oil safely and responsibly.

Density is a really tough concept to grasp. We confuse ourselves by referring to our weight all the time when we really mean our **mass**. **Mass** is effectively 'how much stuff' is there. **Density** is how much mass is in a volume (or space).

One way to illustrate density is to pour different liquids (which have different densities) on top of each other. The liquids with the greatest density sink to the bottom.



Method

1. Measure out the same volume of each of the liquids. Colour the water and the milk if you wish.
2. Starting from the bottom, pour in the honey. Make sure it goes into the middle of the glass and that you don't get any honey on the sides.
3. Slowly pour the golden syrup on top, followed by the washing up liquid.
4. Then add the milk, followed by the water.
5. Finally top with vegetable oil and admire your rainbow glass!

The Science Bit

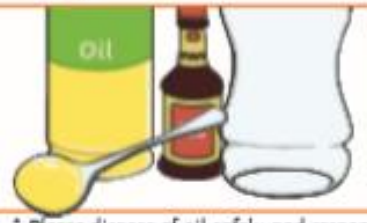
Each of the liquids have a different mass of molecules or different numbers of parts squashed into the same volume of liquid, this makes them have different densities and therefore one can sit on top of the other – the more dense a liquid is the heavier it is.

Do you think you could float small objects on each of the different levels? We'd love to see a photo if you can.

Lava Lamp

You Will Need

- Water
- Vegetable Oil*
- A Clear Plastic Bottle or Jar
- Food Colouring
- Effervescent Tablets



* Please dispose of oil safely and responsibly.

Method

1. Fill the bottle or jar a quarter full with water.
2. Top up, almost to the top with the vegetable oil
3. They should separate into two layers, water at the bottom and oil sitting on top.
4. Add about 6-8 drops of food colouring once the oil and water separate.
5. The colour will mix with the water at the bottom.
6. Pop in half an effervescent tablets and watch the bubbles form. Add more effervescent tablets bit by bit to keep the bubbles rising and falling.

The Science Bit

Firstly water and oil will not mix – this is because we say that water is a polar molecule – its structure means that is has a positive charge one end and a negative charge the other. Water molecules stick together because the positive end of one water molecule is attracted to the negative end of another. Oil molecule structure is different – it is non polar, meaning that its charge is more evenly spread out, so the oil is not attracted to water – in fact we call it hydrophobic (water fearing) so it tries to get as far away from water as possible and will not mix. The reason that oil rests on top of the water rather than underneath is because it has a different density to water.

As the effervescent tablets is added (this is made of citric acid and sodium bicarbonate) it reacts with the water and form carbon dioxide gas and sodium citrate. It is the carbon dioxide bubbles that carry the coloured water to the top.

Making Magic Wands

Outdoor Activity

You will need:

Sticks or twigs (suitable sizes to make into magic wands)

Glue

Sticky tape

Ribbons

Scissors

Glitter

Sequins

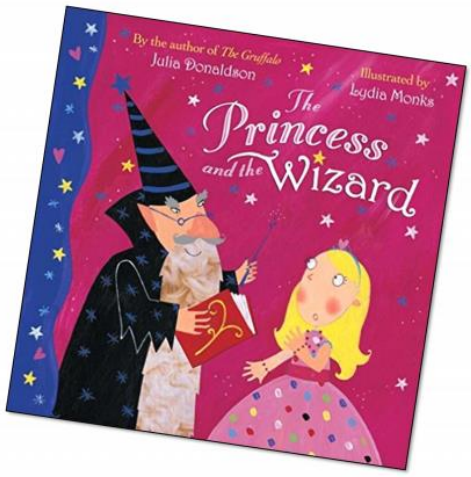
The Activity

1. Go on a stick hunt and collect one stick each to make into a magic wand.
2. Choose some ribbons and tie them to the end of the wand.
3. Add glitter and sequins.
4. Leave the magic wands to dry.

Monday

Starting with a Story

Reception



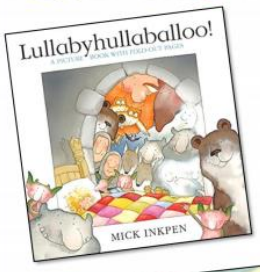
These activities and ideas are based around the book "The Princess and the Wizard" by Julia Donaldson.

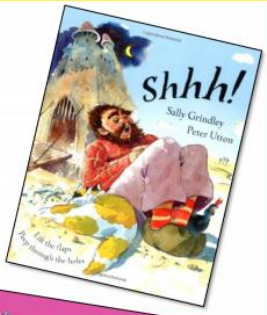
All activities could be done without the books.

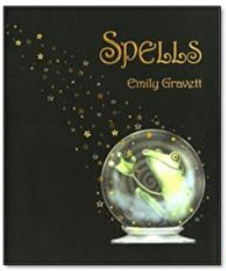
White Rose Maths

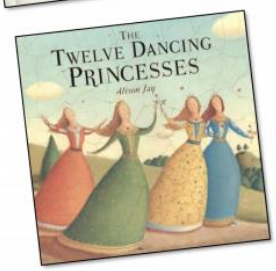
Starting with a Story

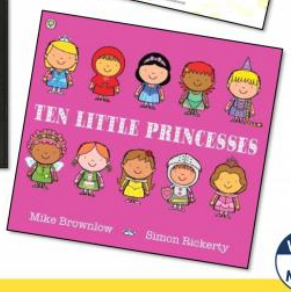
Other stories to support learning.







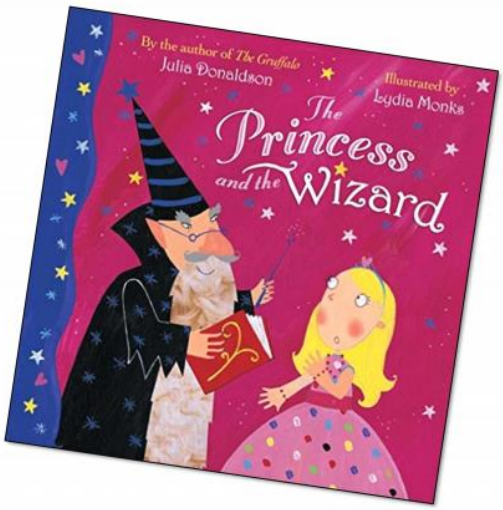




White Rose Maths

Starting with a Story

Reception



Days of the week!
The wizard has a challenge for the princess every day!
Can you order a very special pattern - your week!

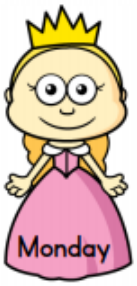
White Rose Maths

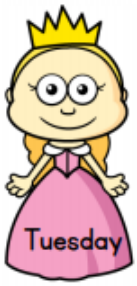
Starting with a Story

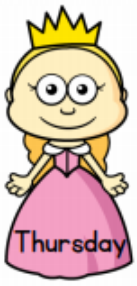
Reception

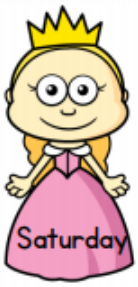
Talking Together

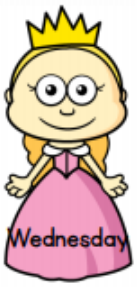
Which day is missing in the pattern?











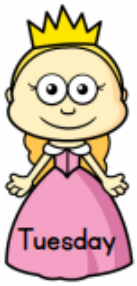
White Rose Maths

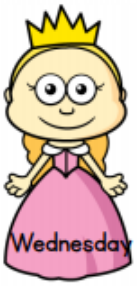
Starting with a Story

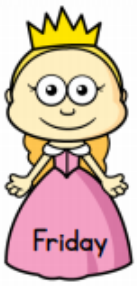
Reception

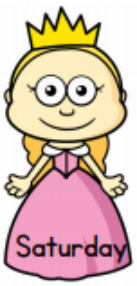
Talking Together

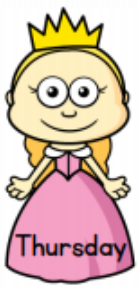
Which day is missing in the pattern?

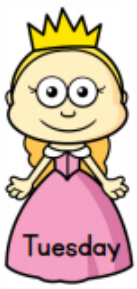












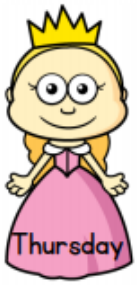
White Rose Maths

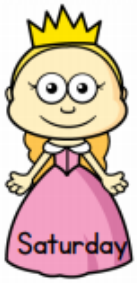
Starting with a Story

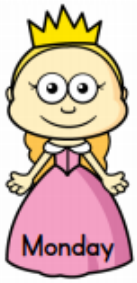
Reception

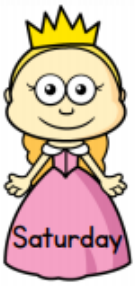
Talking Together

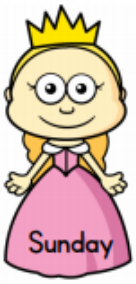
Which days are now missing in the pattern?

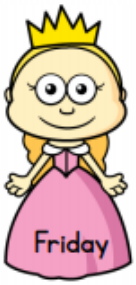








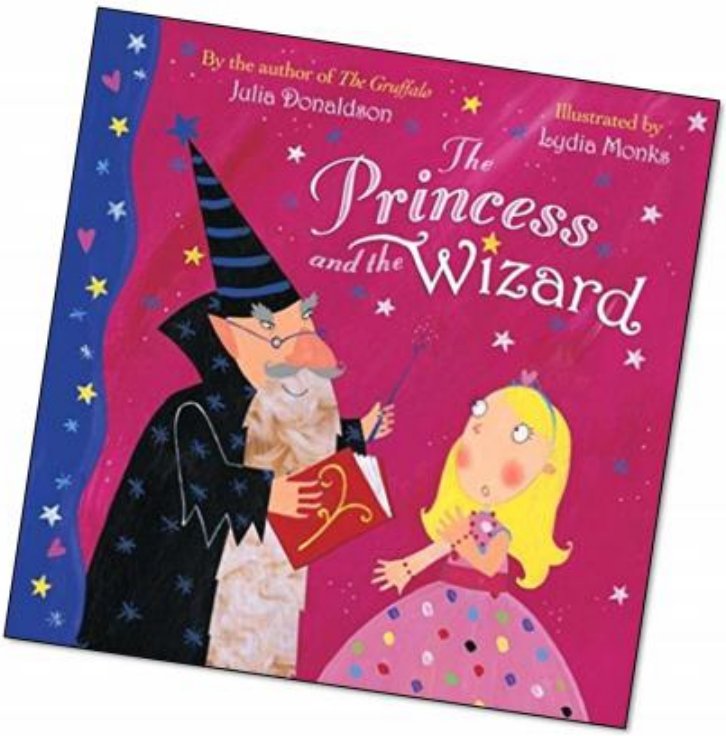




White Rose Maths

Starting with a Story

Reception



Days of the week

Each day the princess turns herself into different animals and objects to try and escape the wizard. Can you match the day to the princesses disguise?

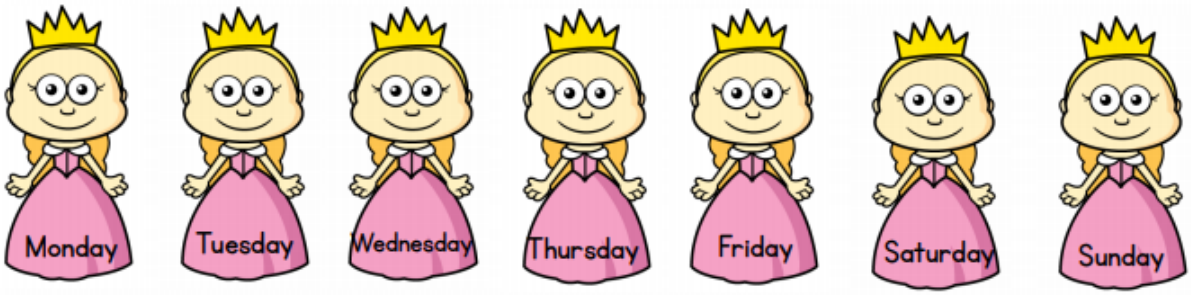
White Rose Maths

Starting with a Story

Reception

Talking Together

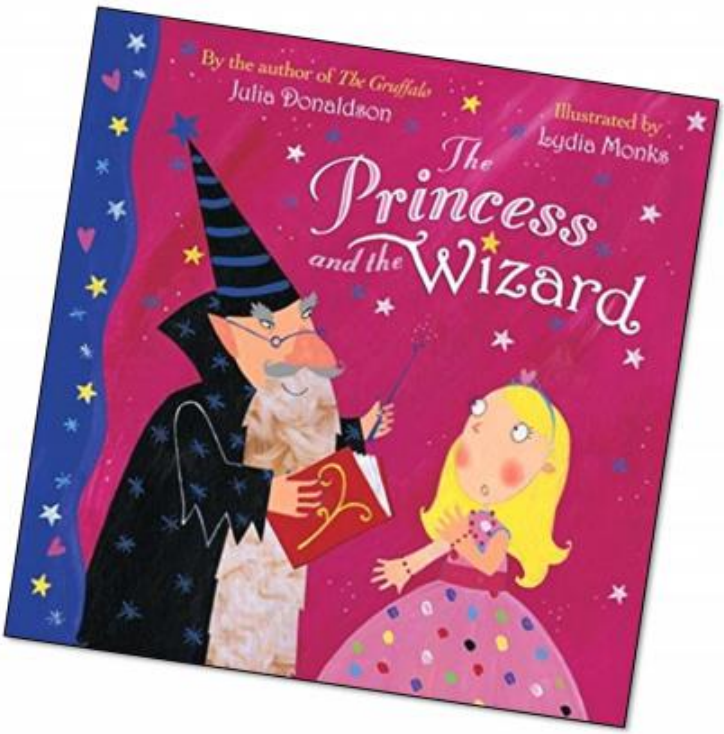
What does the princess turn into on each day?



White Rose Maths

Starting with a Story

Reception



Designer pattern outfit!

The princess loves her spotty princess outfit and the wizard has a cloak on. Can you design your own shape themed clothes? Which shapes will you choose?

White Rose Maths

Starting with a Story

Talking Together

You don't have to draw an outfit
for just the princess or the wizard!
Why not design your own outfit to go to the party in?
What kind of party would it be?
Or just design some super socks.
I wonder what socks a princess
or a wizard would wear?

White Rose Maths

Starting with a Story

Reception

Learning through Play

A helping hand to where our activities link in our schemes and the EYFS.

Reception - Notes and guidance

White Rose Maths

Summer Progression

Geometry	Exploring patterns	→ Making simple patterns
		→ Exploring more complex patterns

Development matters Shape space and Measure 40-60

Beginning to use mathematical names for 'solid' 3D shapes and 'flat' 2D shapes, and mathematical terms to describe shapes

Can describe their relative position such as '*behind*' or '*next to*'.

Uses familiar objects and common shapes to create and recreate patterns and build models.

Early Learning Goal -Shape Space and Measure

Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems. They recognise, create and describe patterns.

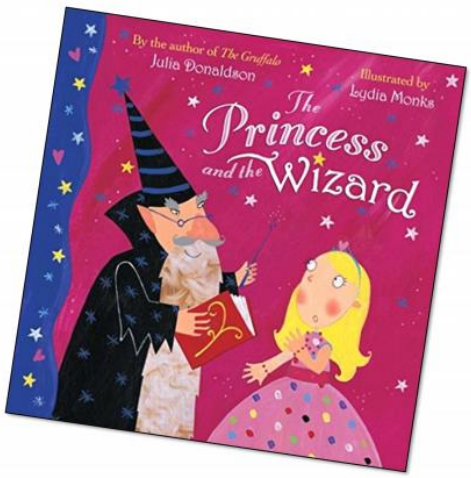
They explore characteristics of everyday objects and shapes and use mathematical language to describe them.

White Rose Maths

Tuesday

Starting with a Story

Reception



Days of the week!

The wizard has a challenge for the princess every day!

Can you give yourself 7 challenges?

White Rose Maths

Starting with a Story

Reception

Talking Together

Some of the challenges the wizard sets seem impossible!

White Rose Maths

Make a list of your seven challenges and tick off as you complete them day by day! This could be a rainbow challenge!

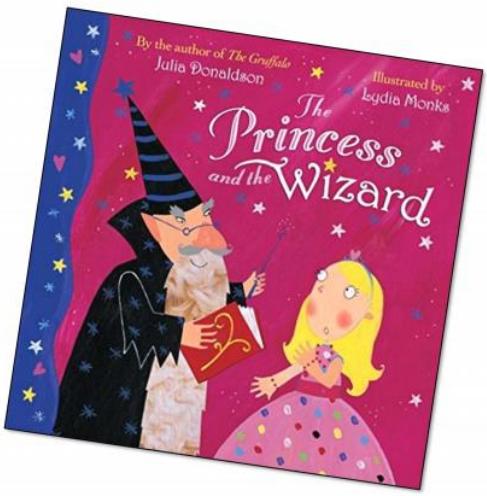
Each day could be a colour like the princess! Could some of the challenges help your grown ups?

Could it be a way to be kind every day?

White Rose Maths

Starting with a Story

Reception



Wizard counting!

The wizard loves counting when he waits for the princess to hide looking in his spell book!

Make your own special wizard counting book!

What different compositions of numbers will you make?

White Rose Maths

Starting with a Story

Reception

Talking Together

Make your special magic counting book by folding some paper to make a book shape or folding back to back to make a flip flap book.

Will it have a special cover?

On the top of each page write your numbers in order or take photos of numbers you see and stick them in!

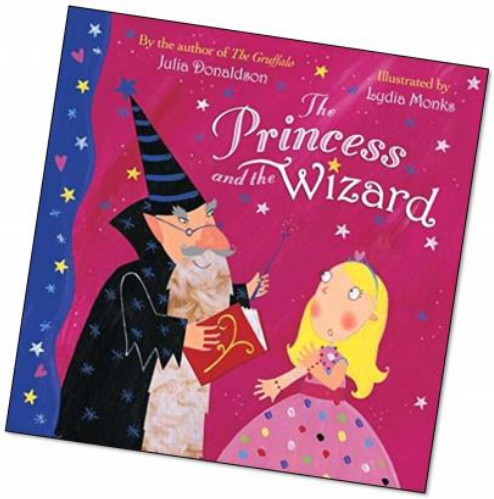
Draw or stick in photographs of objects you have collected for the number of that page.

What will you collect? Talk about the different combinations you have put together to make that number.

White Rose Maths

Starting with a Story

Reception



Statues!

The Wizard turns the party guests to stone. Can you stand as still as a statue?

White Rose Maths

Starting with a Story

Reception

Talking Together

Put on some music and have a dance! Get someone else in your house to stop the music when you are not looking.

Freeze still like a stone statue!

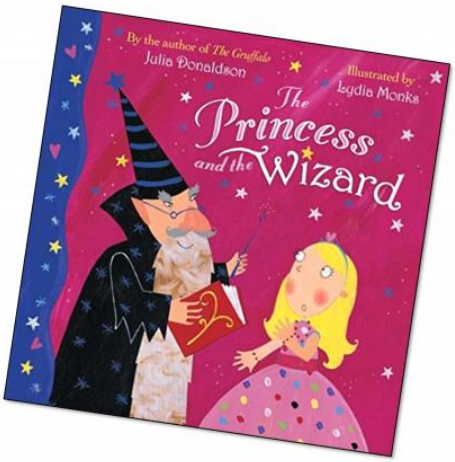
Can you do it ? How long can you freeze for?

Who is the best statue in your house?

White Rose Maths

Wednesday 10th June

Starting with a Story — Reception



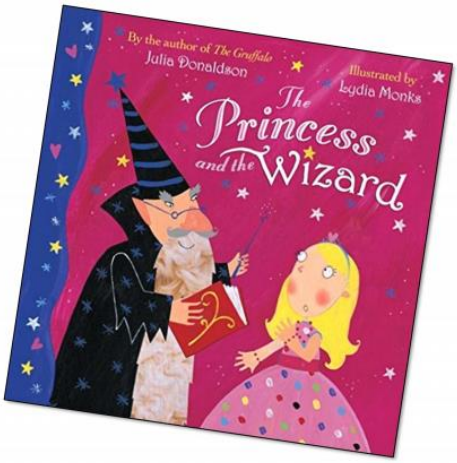
He just keeps on counting!

The wizard keeps on counting down in the story.

Lets play some magic counting games!

White Rose Maths

Starting with a Story — Reception



Hide and Wizard!

(A bit like hide and seek!)

White Rose Maths

Starting with a Story — Reception

Talking Together

Pick someone to play with!

One person decides to be the wizard and counts down from 20 (Or up!)

The other person finds somewhere to hide.

The wizard tries to find the hidden person.

When you find them make sure you give them your most wicked, wizard laugh!

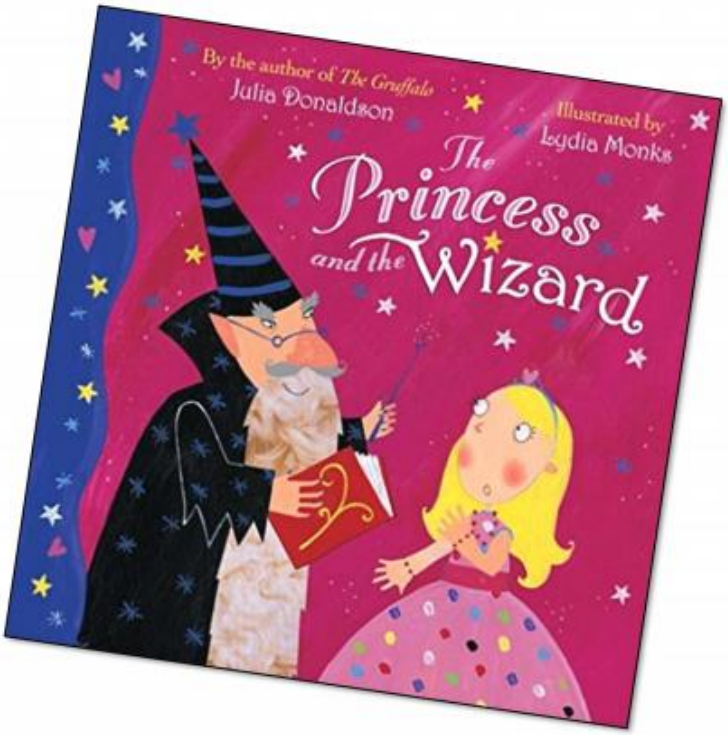
See if you can find each other.

Who is the best wizard?

White Rose Maths

Starting with a Story

Reception



What's the spell Mr Wizard?

(A bit like what's the time Mr Wolf?)

White Rose Maths

Starting with a Story

Reception

Talking Together

What's the spell Mr Wizard?

One person decides to be Mr Wizard.

They turn their backs on the other person or people!

The person asks "What's the spell Mr Wizard?"

The wizard replies with a number of horrid creatures from his spells! The people have to make that amount of steps/jumps to get closer to the wizard. As they get closer they keep on asking and when the wizard decides he can turn and say "Abracadabra" and try to catch one of the people.

This person then becomes a wizard.

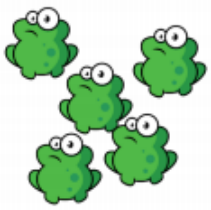
White Rose Maths

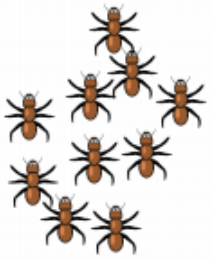
Starting with a Story

Reception

Talking Together

Some ideas for a wizard!





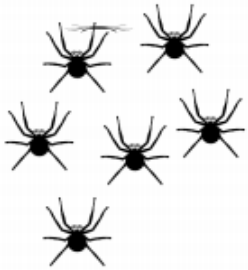
What's the spell Mr Wizard?

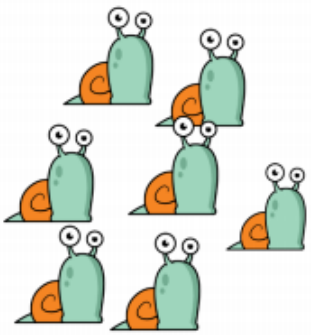
5 frogs!

7 snails!

10 ants!

6 spiders!





Happy wizarding!

White Rose Maths

Starting with a Story

Reception

Learning through Play

A helping hand to where our activities link in our schemes and the EYFS.

Reception - Notes and guidance

Summer Progression

Number and Place Value | Numbers to 20 → Counting to 20

Development matters 40-60

Uses the language of 'more' and 'fewer' to compare two sets of objects.

Says the number that is one more than a given number.

Begins to identify own mathematical problems based on own interests and fascinations.

Early Learning Goal

Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number.

Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer.

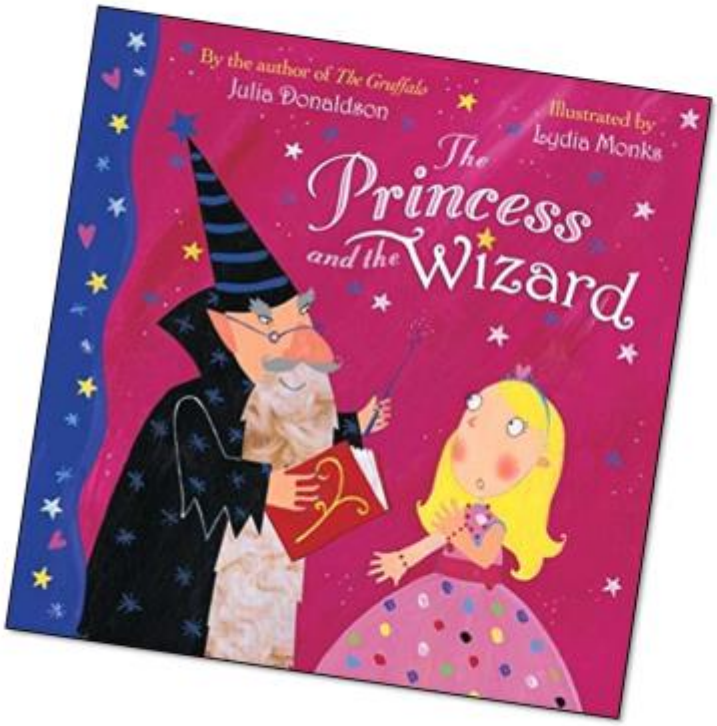
They solve problems, including doubling, halving and sharing

White Rose Maths

Thursday 11th June

Starting with a Story

Reception



Special Spells!

The wizard casts many spells and is still around. Make a special potion spell to stop him ever coming back and turning us to stone!

White Rose Maths

Starting with a Story

Reception

Talking Together

Potion rules!

Your potion must have 20 items in it

or it wont work!

What could you collect to put in your potion?

You can have more than 1 of the same thing

(Think about our games from the other day!)

List your ingredients so you don't forget!

Will you draw or make a list?

Here are some ideas!

White Rose Maths

Starting with a Story

Reception

Talking Together.

A spell to stop the wizard coming back!

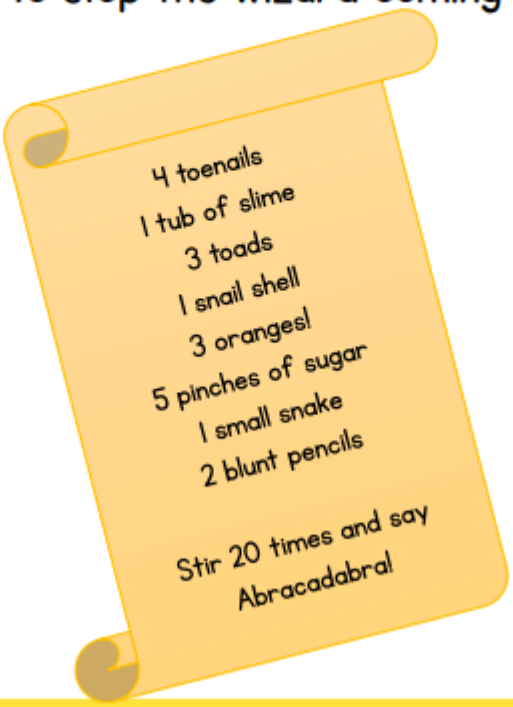
White Rose Maths

Starting with a Story

Reception

Talking Together.

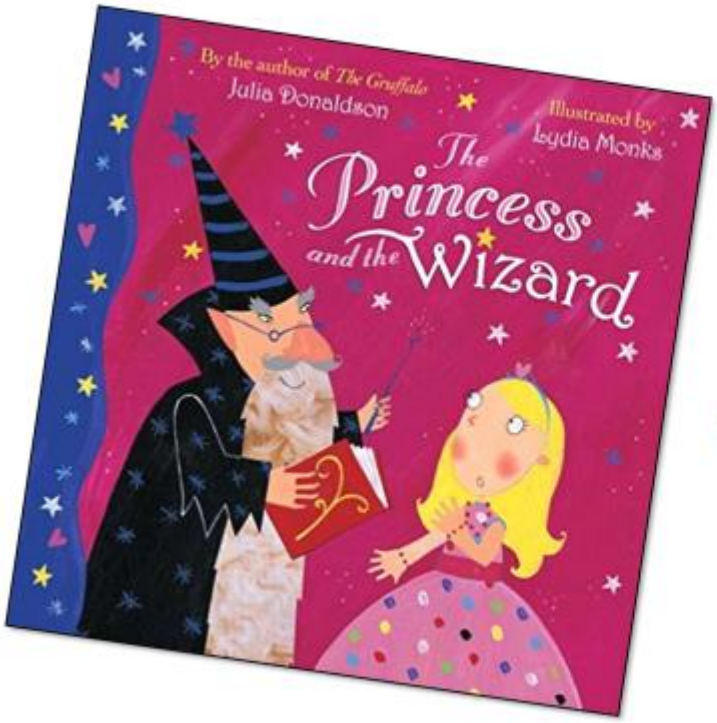
A spell to stop the wizard coming back!



White Rose Maths

Starting with a Story

Reception



Bad spells!

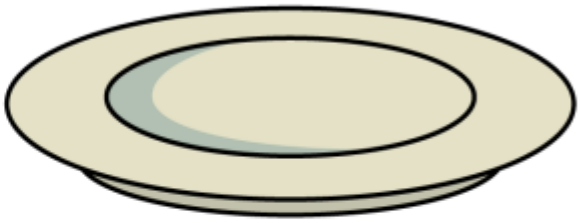
The wizard has been doubling everything so there's far too much food at the princesses party! Can you help to halve what is on the plates so we are not too greedy?

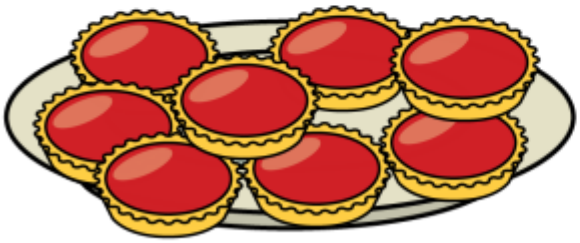
White Rose Maths

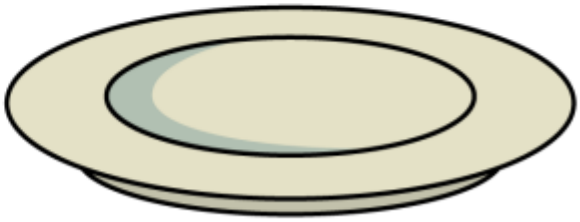
Starting with a Story

Reception

Talking Together





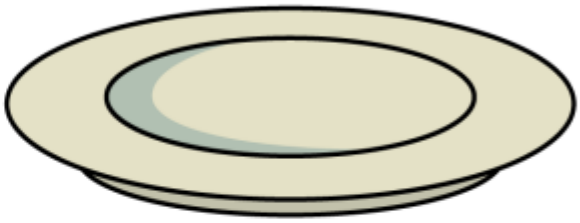


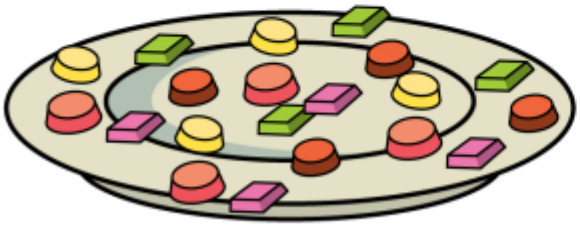
White Rose Maths

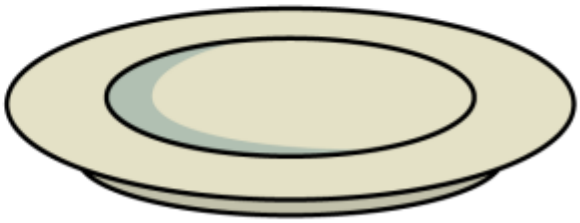
Starting with a Story

Reception

Talking Together







White Rose Maths

Starting with a Story

Reception

Learning through Play

A helping hand to where our activities link in our schemes and the EYFS.

Reception - Notes and guidance

Summer Progression

Number and Place Value	Numbers to 20	→ Counting to 20
Multiplication and Division	Numerical patterns	→ Doubling → Halving and sharing → Odds and evens

Development matters 40-60

Uses the language of 'more' and 'fewer' to compare two sets of objects.

Says the number that is one more than a given number.

In practical activities and discussion, beginning to use the vocabulary involved in adding and subtracting.

Records, using marks that they can interpret and explain.

Begins to identify own mathematical problems based on own interests and fascinations.

Early Learning Goal

Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number.

Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer.

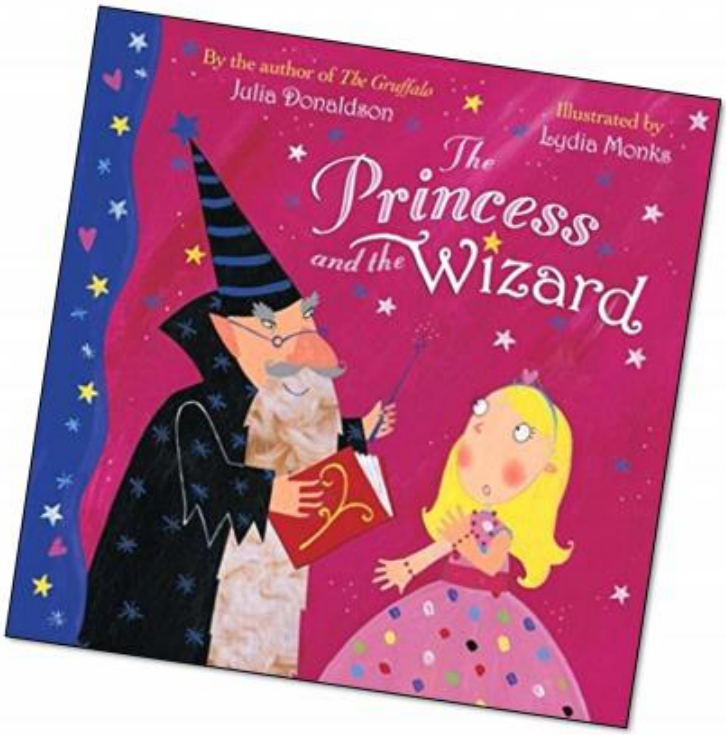
They solve problems, including doubling, halving and sharing

White Rose Maths

Friday 12th June

Starting with a Story

Reception



Castle chase

The wizard keeps on trying to catch the princess!

Who is the closest to us, the princess or the wizard?

White Rose Maths

Starting with a Story

Reception

Talking Together

White Rose Maths

Starting with a Story

White Rose Maths

Starting with a Story

Reception

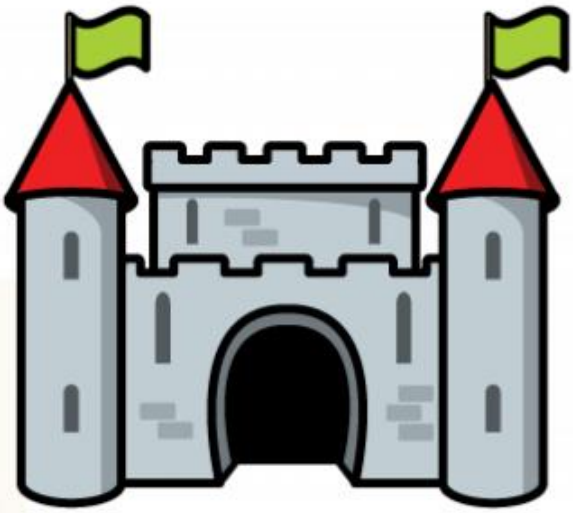
Talking Together

White Rose Maths

Starting with a Story

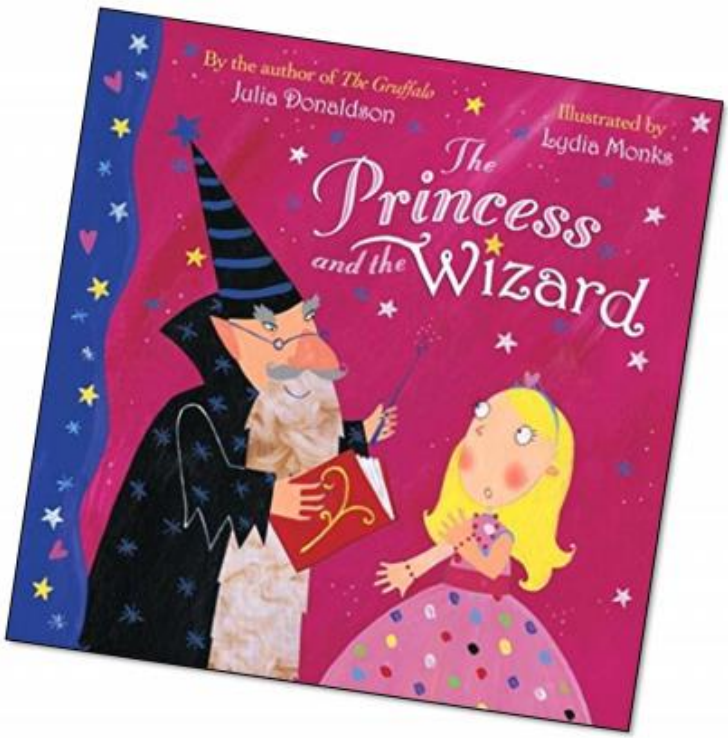
Reception

Talking Together



Starting with a Story

Reception



The princesses crown has lost some of it's jewels!

It has to match the same on both sides!

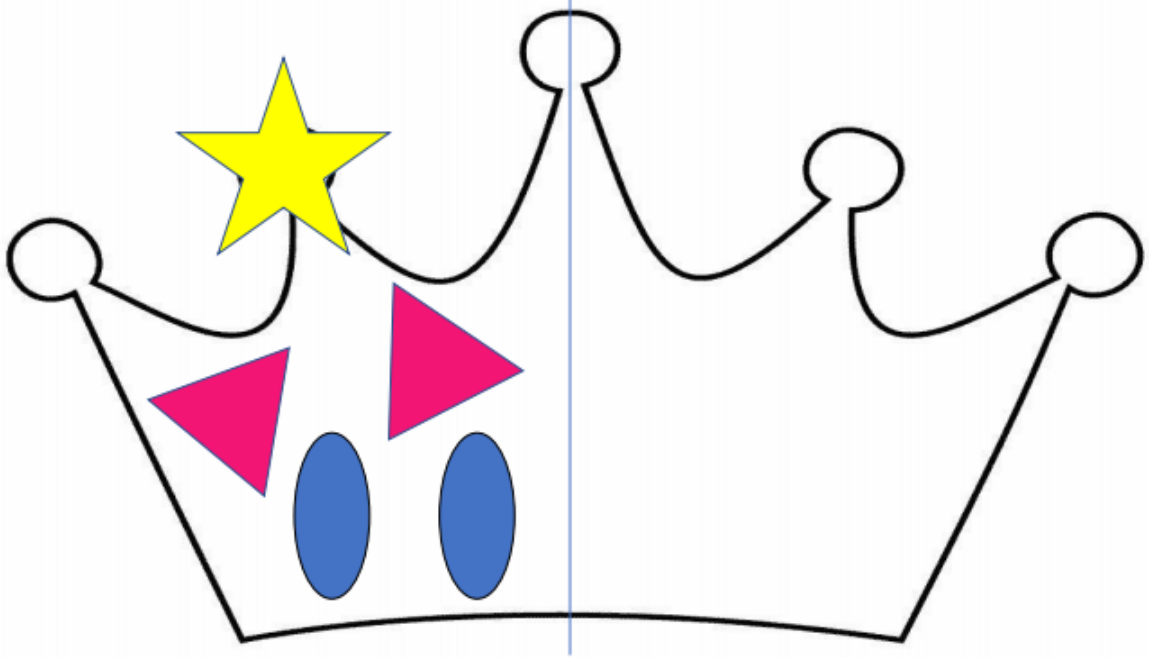
Can you help her create her beautiful crowns again by matching the shapes and putting them at the right distance?

They need to be symmetrical!

Starting with a Story

Reception

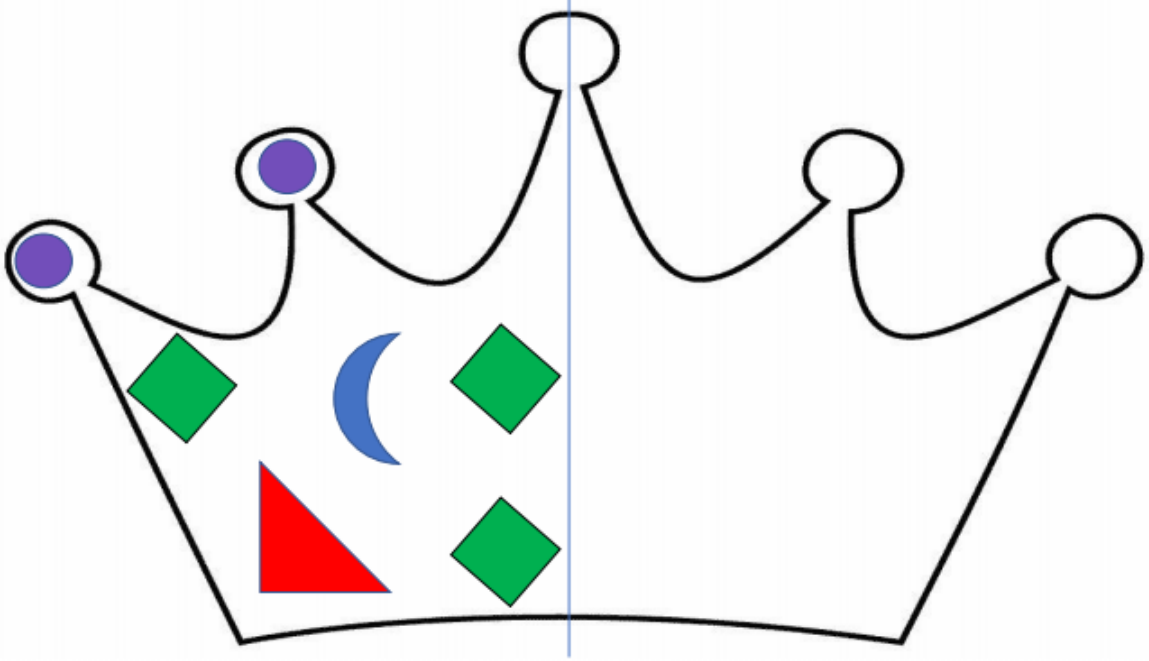
Talking Together



Starting with a Story

Reception

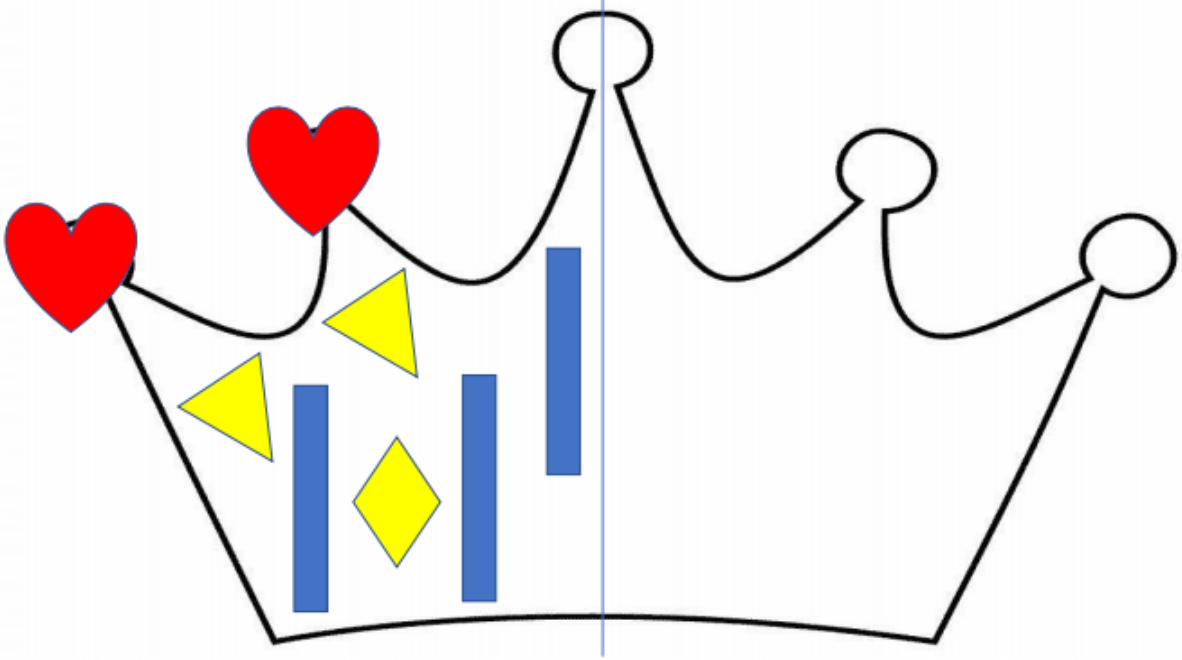
Talking Together



Starting with a Story

Reception

Talking Together



White Rose Maths

Starting with a Story

Reception

Learning through Play

A helping hand to where our activities link in our schemes and the EYFS.

Reception - Notes and guidance

Summer Progression

Measurement	Measure	→	Length, height and distance

Development matters -Shape space and Measure 40-60

Can describe their relative position such as '*behind*' or '*next to*'.

Orders two or three items by length or height.

Orders and sequences familiar events.

Measures short periods of time in simple ways.

Early Learning Goal -Shape Space and Measure

Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems. They recognise, create and describe patterns.

They explore characteristics of everyday objects and shapes and use mathematical language to describe them.

White Rose Maths