



Suggested Home Learning Tasks

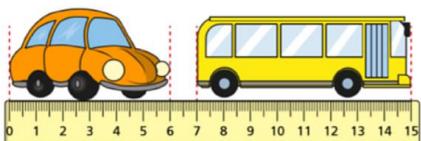
Week 14

Week beginning
29.06.2020

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Challenge 1

Here is a toy car and bus.



By how many cm is the bus longer than the car?

Hi Year 2. I hope you are all safe, well and enjoyed the nice weather that we had last week. I have enjoyed seeing some of your work on Mymaths and I know that lots of you are still working hard on the Purple Mash activities. It would be nice to hear about some of the other things that you have been doing to help your learning while at home. If you can send in some of your activities or work that you have done, I can share it with the other children in the class. Don't forget there are lots of lovely activities and video lessons on [BBC Bitewise](#) and [Oak Academy](#). The great thing about these resources is that you can try the activities that you are interested in. I have put some Math challenges from BBC Bitewise at the bottom of the page!

Maths Mymaths

Don't forget to try our new maths resources. I am pleased to see a few of you have logged on and tried the activities and the feedback has been positive so far!

How to access MyMaths Go to <http://www.mymaths.co.uk> and login at the top of the page with the school's username and password.

The **School Login** is : stowlawn and the **Password** is : cosine246

On the next page your child should enter their own personal username and password in the Mu Portal Box.

We have sent out a text to tell you what the individual username and password is for your child.

We have set some tasks for each week and there are introductions to teach you about a topic and tell you what to do. We hope you enjoy them and have fun, but please don't hesitate to contact the school if you have any problems.

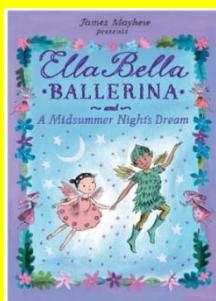
Spelling



Dinosaur Spelling

This activity tests your ability to remember the correct spelling. Listen to or click the speaker to hear your work. Can you choose the correct spelling pattern to crack the egg?

Reading & Writing



IF you follow this link you can see a range of videos that tell the story. There are 3 activities below.

<https://www.bbc.co.uk/bitesize/articles/z6djr2p>

Ella Bella Ballerina and A Midsummer Night's Dream

Ella Bella is having a ballet lesson. Her teacher has given the children some clothes to dress up in and played some music called 'A Midsummer Night's Dream,' for them to dance to. This music is based on William Shakespeare's play and there are fairies and a king and queen in the play. When the ballet lesson ends, Ella Bella stays behind on her own to dance. Ella steps into the world of Shakespeare as she goes on a magical adventure in Fairyland, with Puck, King Oberon and Queen Titania.

Who will the queen fall in love with when under the king's spell? And what will become of the hapless actor Bottom, transformed into a donkey?

You may need paper and a pen or pencil for some of these activities. Activity 1

Extract 1

Ella Bella opened the lid of the musical box. As the fairy tune played, she began to dance.

'Psst!' someone called.

Ella Bella saw an elf smiling at her.

'May I borrow those flowers in your hair? I have searched the world all over for them.'

'My name is Puck,' said the elf. 'Oberon, King of Fairyland, needs those flowers to win back the heart of Titania, his fairy queen. It seems she no longer loves him... instead she spends all her days playing with fairies and elves.'

'What will the flowers do?' asked Ella Bella. 'They are magic flowers, and they will help [L] with some midsummer mischief!' said Puck. 'Now, take my hand, fairy child! Oberon awaits!'

Ella Bella realised that they were flying high above the forest. It was a warm summer night and the sky shimmered with stars. The moon covered the trees in a silvery light, as the fairies flitted around like fireflies and moths.

Ella Bella and Puck landed beside a great oak tree where Oberon, King of Fairyland, was waiting.

- Read or watch Extract 1 again. Many things happen in this extract.
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- Go back to the text and use your skimming and scanning skills to number these events 1-5 in the order that they happened. The first one has been done for you.

Event	Order
Ella Bella and Puck flew to Fairyland.	
Puck explained that King Oberon needed the flowers.	
Ella Bella began to dance.	1
Puck explained that the flowers would help with midsummer mischief.	
Puck asked Ella Bella for the flowers from her hair.	

Activity 2 Extract 2

'I found the magic flowers,' said Puck.

'Well done,' said Oberon. 'They are called Love in Idleness. I will use them to cast a midsummer spell on Queen Titania.'

'How will the spell work?' asked Ella Bella, with a curtsey. [L]

'Titania will fall in love with the first creature she sees,' laughed Oberon. 'I hope it will be a very silly kind of beast! Perhaps then she will remember that I am her true love.'

'Come on,' said Puck. 'Let's find someone really funny for the fairy queen to fall in love with!'

They giggled and tiptoed off between the trees.

In a clearing, some friends were practising a play.

A man called Bottom was reading the script, but he kept getting the words wrong. [L] 'Oh dear,' he said. 'I must practise more, or I shall make a fool of myself!'

'Let's play a trick on Bottom' said Puck. 'He reminds me of a silly donkey!'

Puck sprinkled some magic on Bottom, and he began to change...

He grew long ears and a furry snout!

Read or watch Extract 2 again and answer the following questions.

You will need to use the exact wording from the text to answer these questions because they all start with 'According to the text.'

You could start your answer with 'It says in the text...'

According to the text, how do you know King Oberon is happy with Puck?

According to the text, what is the name of the flower that Puck gives to King Oberon?

According to the text, how do we know that Ella Bella shows respect and good manners when she meets King Oberon?

According to the text, what does King Oberon want to happen to Titania?

According to the text, what happens to Bottom?

Activity 3

Imagine that you had three chances to use magic.

Think about how you would use your three chances and write a short summary.

You could use the word 'because' to explain your choices.

Think about the following to help you with your choices:

Would you do something for yourself, your family or friends?

Would you do something for your school or community?

Would you do something for your country?

Would you do something for the whole world?

Computing – Online Safety Video Games



You can either [watch the video](#) or [download the book!](#)

I have set another online safety task this week to help you think about keeping safe when you are playing computer games.

There is some information for parents and carers [here](#) or you can follow the link to the Episode 3 video or book.

Jessie, Tia and Mo are playing the exciting online game Avelzon where they are trying to beat their nemesis Dr Yekl. A 'friendly' unknown gamer starts chatting to Jessie in the game and offers to help the 'Supertotalmegaheros' in their quest. However Jessie soon discovers that the gamer's intention is not to help the friends, but to trick them into losing instead. Jessie, Tia and Mo learn that when playing online games they should keep their personal information private, only talk to people they know in real life and that they can tell an adult they trust if anything happens that makes them worried. The key message throughout Jessie and Friends is that if a child is ever worried by anything online, they should tell a grown-up they trust, who will help them.

Science – Rocket Science

You will need

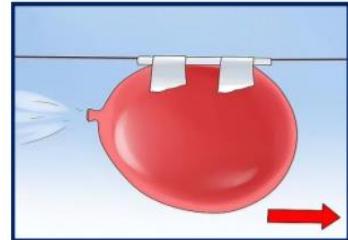
- * A balloon
- * Drinking straws
- * String
- * A clothes peg
- * Sticky tape
- * 500ml bottle (empty)
- * Cork to fit bottle
- * Kitchen roll
- * 1 tablespoon of bicarbonate of soda
- * Vinegar

TRY THIS INDOORS ... CRAZY BALLOON

1. Blow up a balloon and peg or pinch the neck to keep the air in.
2. Cut a straw in half and thread it onto a long piece of string.
3. Then tape it to the balloon in two places.
4. Clear a space and tie the string between two chairs, or have one person holding each end, making sure the string is stretched tightly.
5. Pull the balloon to one end and unclip the peg.
6. It should go shooting along the string.

WHAT DO YOU NOTICE? Things to talk about ...

1. What happens if you blow the balloon up more?
2. Does it go further or faster?
3. How can you tell?
4. What could you measure?
5. What if you used a different shaped balloon or changed the string for wool?
6. What happens if you make the balloon more streamlined, e.g. by attaching a nose cone to it?



There is another rocket science activity at the end of this document.

Try [Science Sparks](#) for more science activities that can be done at home!



Log onto Purple Mash and complete any activities set by your teachers.

<https://www.purplemash.com/sch/stowlawn>

If you can't find your username or password – please contact the school Telephone: 01902556463 | Email: StowlawnPrimary.GroupEmail@wolverhampton.gov.uk



Log onto TTRS and improve your multiplication skills.

<https://www.ttrockstars.com>

Or try Numbots with the same password and username. Great for Y1, Y2 and Y3

<https://play.numbots.com>

If you can't find your username or password – please contact the school
Telephone: 01902556463 | Email: StowlawnPrimary.GroupEmail@wolverhampton.gov.uk



If you want to find safe online information suitable for children, you could try using Kiddle. Kiddle prioritises content that is child friendly and filters out most content aimed at adults and teens.

Remember to keep safe online.

If you see something that makes you feel worried or upset, tell your parents or carers.



2

TRY THIS OUTDOORS ROCKET LAUNCH

SAFETY NOTE You need a clear empty space for this activity. An adult should do steps 4 and 5 and anyone else should keep well back. Eye protection is recommended.

1. Tape 3 straws to the side of a 500ml plastic bottle so it will stand up, upside down.
2. Pour about 2 cm of vinegar into the bottle, and wrap the bicarbonate of soda in the kitchen roll to make a little parcel.
3. Choose a hard surface outside to be the launch site.
4. Drop the bicarbonate of soda parcel into the bottle.
5. Cork the bottle quickly and tightly, put the rocket down and **STAND WELL BACK!**



WHAT DO YOU NOTICE?

Things to talk about ...

Try experimenting with different amounts of vinegar and baking soda to find the perfect combination. Remember you don't want the reaction to happen too quickly. What if you try lemon or lime juice instead of vinegar?

3

WHAT IS THE SCIENCE?

A chemical reaction takes place between the vinegar and bicarbonate of soda which produces a gas called carbon dioxide. This builds up inside the plastic bottle. When the pressure of the gas in the bottle is high enough the cork is forced out. The downward force of escaping gas causes an upward force on the bottle, making it shoot up into the air. This is an example of Newton's Third Law of Motion: **for every action there is an equal and opposite reaction.** The balloon rocket works on the same principle. The air rushing out of the balloon (the action) causes the balloon to move forward (the reaction).

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MORE ACTIVITIES YOU COULD TRY

BECOME A ROCKET SCIENTIST! <https://wowscience.co.uk/resource/rocket-science-101/>

FLY A ROCKET THROUGH SPACE - <https://wowscience.co.uk/resource/galactic-explorer/>

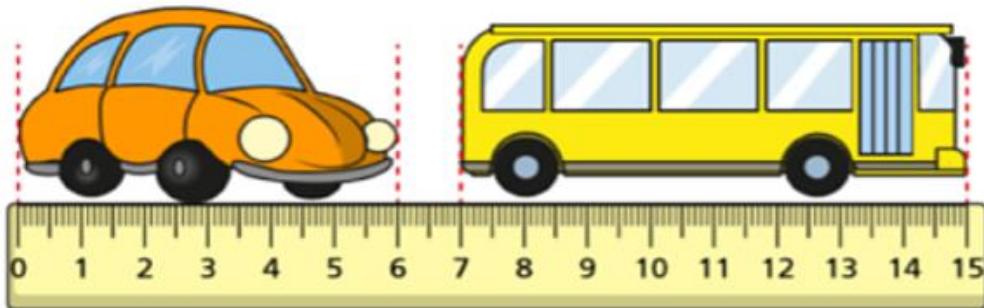
BAKING SODA POWERED BOATS - <https://www.science-sparks.com/baking-soda-powered-boat/>

DESIGN A ROCKET – PRIZES TO BE WON! <https://www.npl.co.uk/space-rocket-challenges-2020>

Maths Challenges

Challenge 1

Here is a toy car and bus.



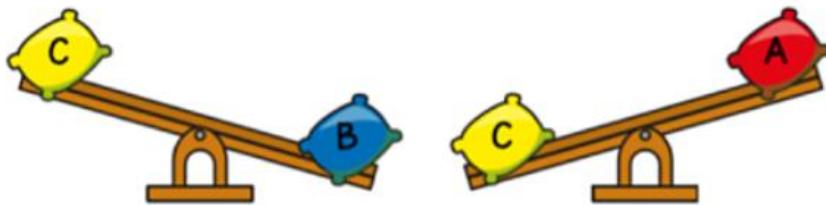
By how many cm is the bus longer than the car?

Challenge 2

Here are 3 beanbags.



They are placed on a seesaw.



Which beanbag is the heaviest?

Challenge 3

Amir is dividing a 2-digit number by 3.

His answer is a whole number.

$$\begin{array}{c} 2 \\ \times 3 \\ \hline \end{array}$$

What could the missing digit be?

As a rough guide of difficulty level:

- **Challenge 1 to 3** are suitable for ages 5 to 8.

We want everyone to get involved with challenge day, so work together to solve as many as you can and share your solutions!

