

Home Learning Grid Mercury Week Beginning 11.5.20

How Can I Help The Environment?

Please use these links to inspire your learning this week:

<p>Literacy 1</p> <p><u>The Worst Witch By Jill Murphy</u></p> <p>Read the extract at the bottom of the document from the novel The Worst Witch.</p> <p>1. Use the extract to complete the fact file about Mildred Hubble.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="width: 50%;">Question</th> <th style="width: 50%;">Answer</th> </tr> </thead> <tbody> <tr> <td>What year is Mildred in?</td> <td></td> </tr> <tr> <td>What is Mildred like at school?</td> <td></td> </tr> <tr> <td>What does Mildred look like?</td> <td></td> </tr> <tr> <td>Any other information about Mildred?</td> <td></td> </tr> </tbody> </table> <p>2. Use your metalinguistics skills to work out the meaning of these words. Ask an adult to check your definition.</p> <ul style="list-style-type: none"> • trailing • writing lines • laboratory • hair-raising 	Question	Answer	What year is Mildred in?		What is Mildred like at school?		What does Mildred look like?		Any other information about Mildred?		<p>Literacy 2</p> <p><u>Using Apostrophes To Combine Words</u></p> <p>Sometimes we contract words to make them easier to say or write. This means that we combine them together and make them smaller.</p> <p>For example: She will = she'll We use an apostrophe for contraction to show when we have done this.</p> <p>Apostrophes for contraction show that you omitted (left out) some letters when you joined them together.</p> <p>For example: You + are = you're</p> <p>Sometimes you need to rearrange the letters a bit when you combine them.</p> <p>For example: Will + not = won't Can you use an apostrophe to write these words in their contracted form?</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tbody> <tr> <td style="width: 50%;">it will</td> <td style="width: 50%;">we would</td> </tr> <tr> <td>I am</td> <td>has not</td> </tr> <tr> <td>it is</td> <td>I would</td> </tr> <tr> <td>can not</td> <td>he will</td> </tr> <tr> <td>they are</td> <td>shall not</td> </tr> </tbody> </table> <p>For more practice click here to play a contractions game.</p>	it will	we would	I am	has not	it is	I would	can not	he will	they are	shall not	<p>Literacy 3</p> <p><u>f, ff and ph Phoneme Family</u></p> <p>Can you find or think of 8 words for each of the different spellings of the 'f' sound? Write these in a table like the one below.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tbody> <tr> <td style="width: 33%;">f</td> <td style="width: 33%;">ff</td> <td style="width: 33%;">ph</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>Using at least 12 of your 24 words can you write your own phoneme story for someone else in your family to find the 'f' sounds. Can you be sneaky and add in a few words that have an f but do not make the 'f' sound, like of?</p> <p>Remember to check you have spelled all your f, ff and ph words correctly.</p>	f	ff	ph				<p>Literacy 4</p> <p><u>Note Taking</u></p> <p>Watch this David Attenborough video on how to save our planet. Take notes to try and answer these questions (answers at bottom of document).</p> <ol style="list-style-type: none"> 1. How have humans changed the Earth? 2. What does Anthropocene mean? 3. What is the single biggest problem caused by Anthropocene? 4. What are the four goals for saving the planet? <p>On this year's Britain's Got Talent, a choir sang a song one member had written about saving the planet (watch here). Could you make a poster, write your own song, write a poem or a story using what you have learned about saving the planet?</p>	<p>Literacy 5</p> <p><u>Television News Flash</u></p> <p>Remember watching BBC Newsround at school? Here's the link.</p> <p>Now YOU are the presenter. YOU are now David Attenborough and YOU are going to present a News Flash at BBC Newsround about How to Save Our Planet.</p> <p>After your research and activities from the Literacy 4 task 'Note Taking', you have a good idea of your own ideology (what you think is important to save the world).</p> <p>Use all the information and your own creation (poster, song, poem) in your presentation.</p> <p>To make it even more fun you can make a television set from a cardboard box and a microphone from a toilet roll and tin kitchen foil.</p> <p>And why not present your News Flash via video call to someone you are not living with at the moment.</p>
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Numeracy 1

Problem Solving

Rosie's Cakes

Rosie has 240 cakes to sell. She puts the same number of cakes in each box and has no cakes left over. Which of these boxes could she use?



How Many Counters?

A box contains some counters. There are twice as many green counters as pink counters. There are 18 counters in total. How many pink counters are there?

Use a bar model to help you.

pink	green	green
18 counters		

Solutions at end of document

Numeracy 2

Place Value Addition

Adding 1, 10 or 100 is easier when we remember to use our place value knowledge. Watch this [video](#) to remind you how we do this.

Remember you can use a place value grid to help too.

H	T	O

Try these addition questions.

- 486+100=
- 632+1=
- 325+10=
- 365+1=
- 662+100=
- 502+10=
- 143+100=
- 456+1=
- 255+10=
- 888+100=

Can you work out what these answers would be?

- 59+1=
- 592+10=
- 912+100=

(Hint: exchange if you need to)
Solutions at end of document

Numeracy 3

Multiplying by 3

Start by revising your 3 times table up to 12 x 3, either write it down or get someone to test you. Can you get all the answers correct? Keep practising this until you do.

Grid Method Multiplication

Now let's multiply numbers beyond 12 by 3 using the grid method. Start by partitioning the number you are multiplying into hundreds, tens and ones. Then multiply each by 3 and add up the answers. For example:

1. 19x3

x	10	9
3	30	27

30+27 = 57 so 19 x 3 = 57

2. 64x3

x	60	4
3	180	12

180+12= 192 so 64 x 3 = 192

3. 452x3

x	400	50	2
3	1200	150	6

1200+150+6=1356
so 452x3 = 1356

Try some of your own questions, use a calculator to check your answers.

Numeracy 4

Money Converting Pounds into Pence and Pence into Pounds

£1 is equal to 100p, that is 100 1p coins. To help see how many pounds you have you should say the number out loud. The number of pounds you have is the same as how many hundreds you have.

£2 = 200p

£4 = 400p

So £3.25 is 300p and 25p = 325p

£7.56 is 700p and 56p = 756p

Converting pence into pounds is just the other way around.

800p = £8

900p = £9

So 452p = 400p + 52p = £4.52

612p = 600p + 12p = £6.12

If we say "612" out loud and look at our answer, we can see that the number of pounds we have is the same as how many hundreds we said!

Have a go at these 10 questions convert £ to p and p to £.

523p=	£1.23=
421p=	£4.15=
201p=	£7.28=
963p=	£0.56=
20p=	£9.99=

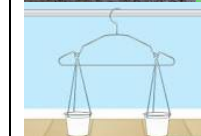
Solutions at end of document

For further practice, an activity and a tutorial video click [here](#).
(Summer Term Week 3 > Lesson 1)

Maths

Coat Hanger Balancing Scales

Create your own set of balance scales using a coat hanger, either buckets/paper cups/folders and some string. Hang your new balance scale on a door handle and you are ready to go. (see photos for ideas)



Your Challenge!

Can you find 5 different objects in your house that will make your scales balance? Remember the scales balance when the objects are the same weight. Good luck!

H&WB 1

Whole School Upcycling Challenge

Can you create a piece of art or a practical object that was once something else? You could make jewellery, a musical instrument, gardening tools, Rubbish Creatures, a desk tidy...let your imagination and creativity run wild! Use milk jugs, cardboard boxes, old clothes, egg cartons, carrier bags or anything else you know is no longer needed.

Please post us a before and after picture on our [Facebook](#) page so we can see your wonderful recycled creations.



H&WB 2

Sing your Heart Out

Did you know that singing is very good for your health?!

It is good for our body, especially for your lungs and especially if you stand up tall and sing loudly.

Singing is also very good for our mind, it makes us feel happy.

So, sing along!

The song is called [Going Green](#) and is all about what we can do to look after the environment.

PE 1

House/Garden Golf Challenge

Equipment

A small soft 'ball' - rolled up socks, plastic ball, tennis ball.

The club is your foot! Or you could decide to throw the ball for some/all the holes.

Design a golf course around your house or garden. Cut out 9 circles from an old box, some paper or an old Tee shirt (ask first!). Don't forget your 'tee off' point (the start). Place the circles in different rooms around the house (or different areas of the garden). Don't make it easy –put some obstacles e.g. chairs, table, stairs, in the way.

Keep Score! If you want to make it more complicated and set a challenge you can guess how many shots/goes it will take to reach the hole. This is the PAR.

PAR	4	3
Name	1	2

Have a few goes at the course, can you improve your score? Can you improve the course? **Can you get a 'hole in one'?**

PE 2

Deck of cards

All you need for this activity is a deck of cards, if you don't have one, here is your [random deck of cards!](#)

Activity Procedures:

1. The object of the game is to do as many repetitions as you can of each exercise.
2. When you draw a card, you'll do an exercise (see below an example of the exercises you could do). Complete the number of repetitions shown on your card. For example, if you draw the 4 of hearts, perform 4 jumping jacks.
3. Face cards (e.g. a king) are worth 10 repetitions (you do it 10 times). Aces are worth 11 repetitions.
4. In round 1, you and your family member will play together and select 1 card for everyone to perform. In round 2, you can compete: Everyone will choose their own card and complete their own repetitions/exercises.

Tips:

Make sure you pace your activity safely. Don't give up form/ technique for the sake of speed.

Be sure you have enough activity space for safe movement.

Follow this format, or create your own:

- ◆ Hearts = Jumping Jacks
- ◆ Clubs = Push-Ups
- ◆ Diamonds = Invisible Jump Rope Jumps
- ◆ Spades = sit ups/ crunchies

Outdoor Challenge

Spring is in the Air

Get your noses twitching to take in the variety of scents and smells around us in nature.

Have you ever heard 'spring is in the air'? We're using this expression to say that we feel that something new is going to happen. In spring we see nature waking up after the winter. But did you know that you can SMELL the spring too?

Go outside on a scent treasure hunt. Here are some tips:

- Smell the earth after a rain shower
- Smell the fresh air early morning
- Smell fresh cut grass
- Squeeze a leaf that brings out the smell
- Smell the sun on your skin
- And of course, smell the lovely new flowers

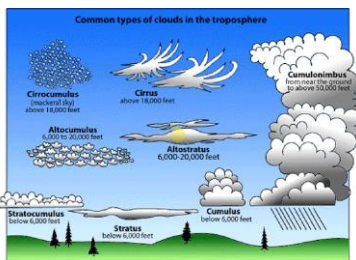
Make notes and tell us on Facebook all about the scents you've discovered in nature.

Science

Cloud Spotting

We learned in school that clouds are formed as part of the water cycle. Did you know that not all clouds are the same, some contain lots more water than others.

These different types of clouds have different appearances. Using the picture below what type of clouds (if any) can you spot out your window?



If you want to learn more about clouds click [on this link](#) to the dynamic earth online cloud resource.

Topic 1

All about Birds

Did you notice the birds singing very loud outside your window. Because we're all staying safe at home there is less noise outside and more room for nature. That is why you can see and hear the birds.

On your walk or from your window, make notes about the different birds that you see and hear. You can describe what you see, make a drawing or take a photo. To check the names of these birds have a look at [this website](#).

Although the spring provides enough food for the birds at the moment, why not make it a bit easier for them and more fun for yourself by making a bird feeder. The birds will be hungry anyway. Remember they are now building their nests and soon laying eggs.

Here are some ideas:
[Toilet roll bird feeder](#)

[Plastic bottle bird feeder](#)

Topic 2

6 Different Milk Bottle Gardening Tools

Keep this weeks milk bottle and see the 6 different exciting things you could turn it into by watching this [video](#). (You will need an adult to help you or watch you do any cutting)

1. Compost scoop
2. Trowel
3. Seed tray
4. Plant labels
5. Watering bottle
6. Planter

Why don't you use one of tools to grow some seeds. Ask a grown up to add seeds to their weekly shop and see what you can grow with your new tools.



Expressive Arts 1

Under the Sea

Your next task is to create an artwork with the theme 'Under the Sea'.

Be as creative as you can be. Use your imagination. You can give it your own interpretation.

Maybe you like a few tips to get you started:

- Use the perspective from the sea bottom upwards. Pretend you are sitting at the bottom of the sea looking up.
- Instead of paper, use cloth.
- Use a variety of colouring utensils (pencil, crayon, paint, chalk, pen, ...)
- Use other materials to make it 3D (bottle lid, cork, peg, button, rope, sticks, plastic or tin foil, ...)
- Think of all the different species that live in the sea, but also the colourful coral and other plants.
- You could choose to add a plastic bottle to give a message.

Expressive Arts 2

Make a Bee Bath

Bee a good garden host and create a place for bees to bathe in your garden. You only need 4 things to successfully make a bee bath; a plant pot, shallow dish, river stones and water.

Place the stones and some water into the shallow dish and sit this on the unturned plant pot. Detailed instructions can be found [here](#).

Watch your bee bath for a few days (maybe have a camera ready) have any bees or other garden visitors used your bee bath?



Websites

<p>Numeracy/Maths Adding 1s, 10s and 100s video https://www.youtube.com/watch?v=wwO6DjL_wFw</p> <p>White Rose Maths Converting Pounds Into Pence Video and further activities https://whiterosemaths.com/homelearning/year-3/ Please note the lesson is Summer term week 3 Lesson 1. You will find a video lesson, an activity and the answers.</p>	<p>Literacy David Attenborough save the planet video link https://www.youtube.com/watch?v=OPuv0Pss33M</p> <p>BGT SOS from the kids song link https://www.youtube.com/watch?v=L-IFA-uB90Q</p> <p>Contraction Apostrophe game https://staging.nightzookeeper.com/edu/zoo/curriculum/jumbled-word/5e984460dd9be5001ca1db65?public=true</p> <p>BBC Newsround https://www.bbc.co.uk/newsround/news/watch_newsround</p>
<p>Health and Wellbeing</p> <p>Going Green song https://www.youtube.com/watch?v=8DJ45Yc3urg</p> <p>Science Dynamic Earth Information on clouds https://www.flipsnack.com/dynamicearth/cloud-spotting/full-view.html</p>	<p>Topic Bee Bath more information link https://gardentherapy.ca/bee-bath/</p> <p>6 different things you can make from a milk bottle video link https://www.youtube.com/watch?v=JLPMV3-lj_o</p> <p>UK's top ten garden birds https://www.ecokidsplanet.co.uk/blogs/news/handy-little-guide-to-the-uk-s-top-10-garden-birds</p> <p>Toilet roll bird feeder https://www.youtube.com/watch?v=7yV6V6rtpyc</p> <p>Plastic bottle bird feeder https://www.ecokidsplanet.co.uk/blogs/news/handy-little-guide-to-the-uk-s-top-10-garden-birds</p>

Literacy Note Taking Answers

- How have humans changed the Earth?
Building, roads, more domestic animals, decline in wildlife species, deforestation etc.
- What does Anthropocene mean?
The age of humans.
- What is the single biggest problem caused by Anthropocene?
Decline in wildlife (plants, animals, landscape)
- What are the four goals for saving the planet?
An energy revolution, manage the ocean, rewild the world and a food revolution

Literacy Reading The Worst Witch Extract

There were so many rules that you couldn't do anything without being told off and there seemed to be tests and exams every week.

Mildred Hubble was in her first year at the school. She was one of those people who always seem to be in trouble. She didn't exactly mean to break rules and annoy the teachers, but things just seemed to happen whenever she was around. You could rely on Mildred to leave her hat on back-to-front or her bootlaces trailing along the floor. She couldn't walk from one end of a corridor to the other without someone yelling at her, and nearly every night she was writing lines or being kept in (not that there was anywhere to go if you were allowed out). Anyway, she had lots of friends, even if they did keep their distance in the potion laboratory, and her best friend Maud stayed loyally by her through everything, however hair-raising. They made a funny pair, for Mildred was tall and thin with long plaits which she often chewed absent-mindedly (another thing she was told off about), while Maud was short and tubby, had round glasses and wore her hair in bunches.

Numeracy Problem Solving Answers

Rosie's Cakes

She could have used the boxes for 10, 20, 30, 40, 60, 80.

How Many Counters?

There were 6 pink counters and 12 green counters in the box.

Challenge and check your child's understanding by changing the number of counters to a different multiple of three. For example, 24 would be 8 pink and 16 green, 90 would be 30 pink and 60 green.

Converting £ to p and p to £ Answers

523p = £5.23	£1.23 = 123p
421p = £4.21	£4.15 = 415p
201p = £2.01	£7.28 = 728p
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Place Value Addition Answers

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- 255+10= 265
- 888+100= 988
- 59+1= 60 (exchange tens 1s for one 10)
- 592+10= 602 (exchange ten 10s for one 100)
- 912+100= 1012 (exchange ten 100s for one 1000)