Year 6 Home Learning Pack 2

Dear Parents/Carers,

Please find a selection of different activities to do with your child at home while school is closed or you are self-isolating. This selection of work should last for at least two weeks. **Each day, please complete the following:** 1 Maths **or** English activity, 1 spelling activity and 1 additional activity. Please also continue to encourage reading everyday as usual.

In addition to these tasks, we will be posting other activities or resources on the Class Story page on Dojo. Please check this page regularly for updates and continue to share your child's work via Portfolio. Should you need to contact us, please do via Dojo or use the following email address: year6@standrewsuxbridge.org.uk.

Thanks again for all your support and hard work at home.

Kind regards,

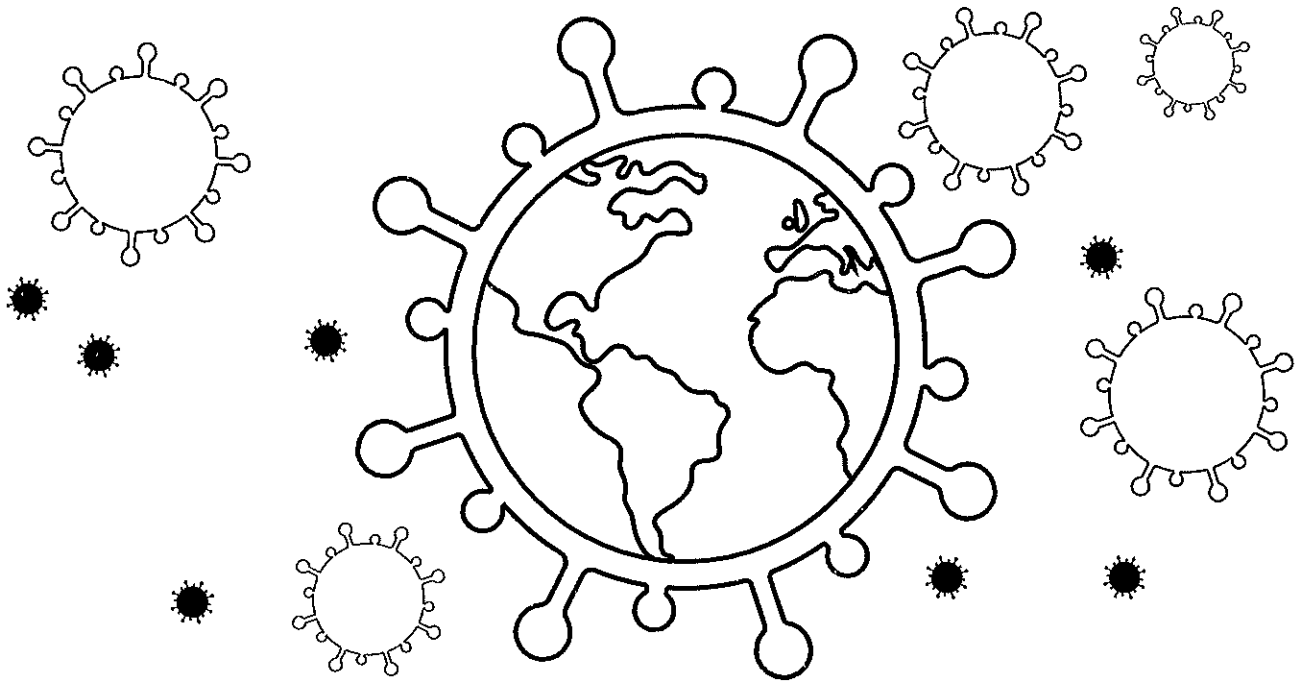
Mr. Astill

Pack 2 Contents

Maths Activities	Tick	English Activities	Tick	Spelling Activities	Tick	Additional Activities	Tick
Add whole numbers – mental and written strategies		*The Highway Man* – Alfred Noyes Order events		accommodate		Create a space picture in the style of Peter Thorpe	
Subtract whole numbers – mental and written strategies		*The Highway Man* – Alfred Noyes Perfect Form		accompany		Design your own Greek day for Year 6 What activities would you plan for the day?	
Understanding Decimals		'Giant Flying Techno Badger'		according		Design your own planet Describe flora and fauna. Label the atmosphere & climate.	
Adding Decimals		Crazy Competitions		achieve		Egg Zipline Can you make the safest case for your egg using as little material as possible?	
Finding a difference – decimals and change		Ambiguous Headlines		aggressive		Time Capsule Booklet	
				amateur			
Additional Resources		**Additional Resources**		ancient		**Additional Resources**	
White Rose Maths Daily Lessons		BBC Bitesize Daily Lessons KS2		apparent		STEM starter projects	
Mathletics		Pobble 365 Daily Writing Activities		appreciate		Computing – Hour of Code	
Times Table Rockstars							

Within the pack you will find answers to some of the activities. Please try to go through these with your children after they have completed the activity.

MY 2020 COVID-19 TIME CAPSULE



BY: _____

YOU ARE LIVING THROUGH HISTORY RIGHT NOW

TAKE A MOMENT TO FILL IN THESE PAGES FOR YOUR FUTURE SELF TO LOOK BACK ON. AND HERE ARE SOME OTHER IDEAS OF THINGS TO INCLUDE:

- ☐ SOME PHOTOS FROM THIS TIME
- ☐ A JOURNAL OF YOUR DAYS
- ☐ LOCAL NEWSPAPER PAGES OR CLIPPING
- ☐ ANY ART WORK YOU CREATED
- ☐ FAMILY / PET PICTURES
- ☐ SPECIAL MEMORIES

DRAW A PICTURE OF THE PEOPLE YOU ARE SOCIAL DISTANCING WITH HERE

ALL ABOUT ME

I AM

YEARS OLD

I STAND

INCHES TALL

I WEIGH

POUNDS

SHOE SIZE

MY FAVOURITES

TOY: _____

COLOUR: _____

ANIMAL: _____

FOOD: _____

SHOW: _____

MOVIE: _____

BOOK: _____

ACTIVITY: _____

PLACE: _____

SONG: _____

MY BEST FRIEND/S:

_____

_____

_____

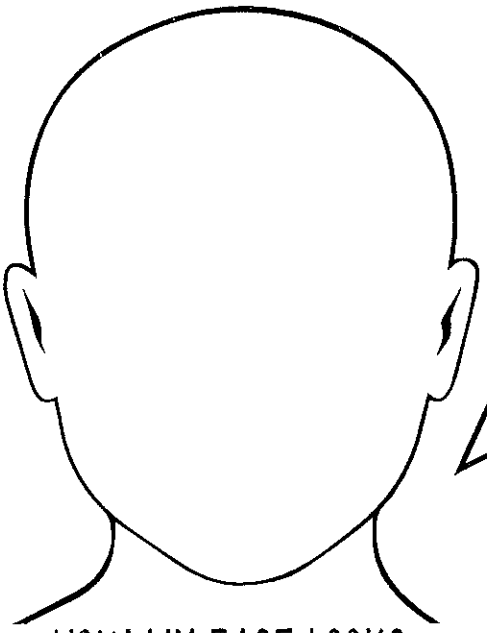
WHEN I GROW UP I WANT TO BE:

_____

_____

DATE:

HOW I'M FEELING



WORDS TO DESCRIBE HOW I FEEL:

HOW MY FACE LOOKS

I AM MOST THANKFUL FOR

WHAT I HAVE LEARNT MOST FROM THIS EXPERIENCE:

THE 3 THINGS I AM MOST EXCITED TO DO WHEN THIS IS OVER:

1.

2.

3.

MY COMMUNITY

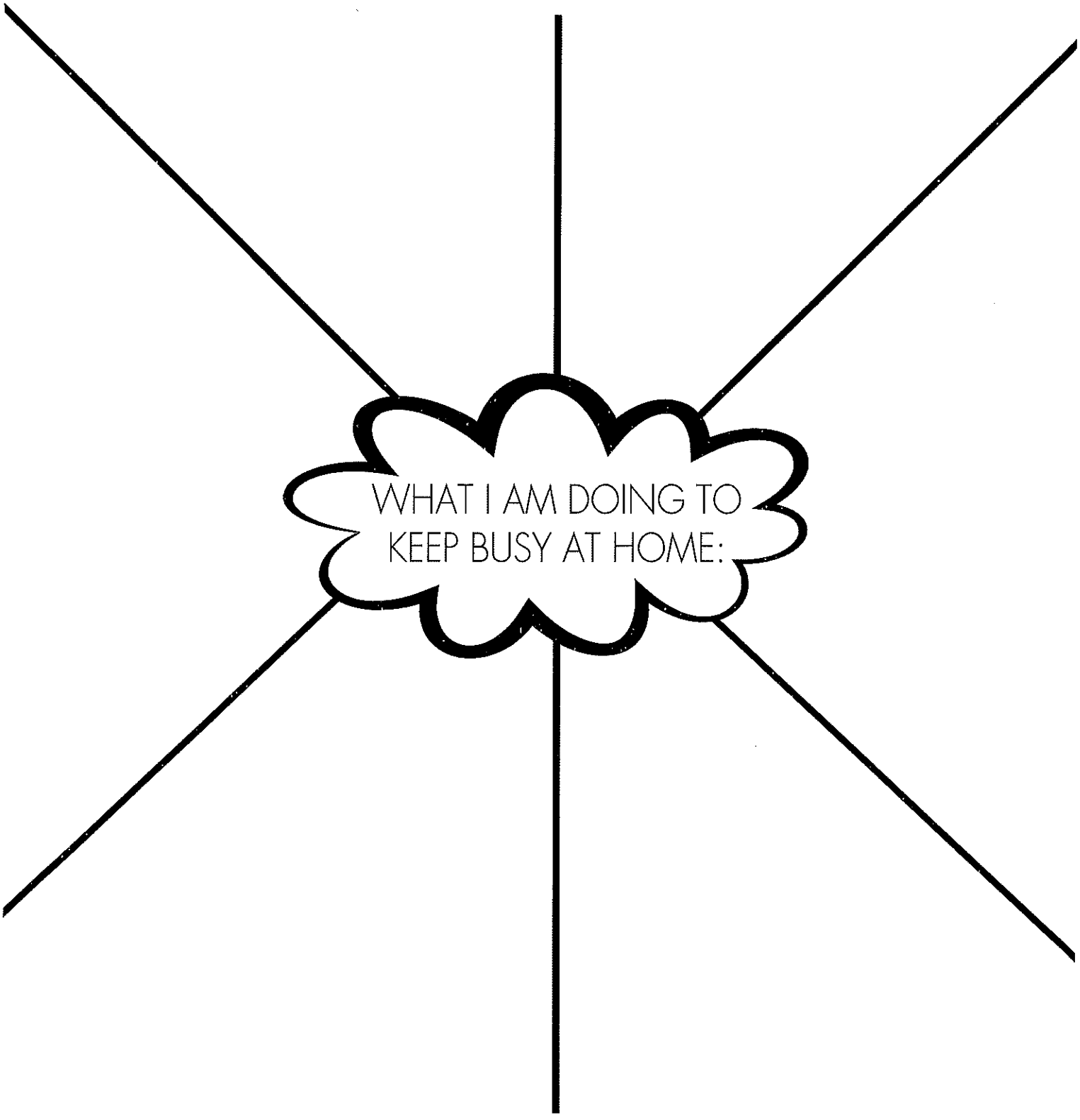
COLOUR THIS HOUSE TO LOOK LIKE YOURS

WHERE I AM LIVING DURING THIS TIME:

WHAT THINGS ARE YOU DOING TO HELP FEEL CONNECTED/HAVE FUN OUTSIDE (e.g hearts in windows, chalk notes on sidewalk, etc)

HOW ARE YOU CONNECTING WITH OTHERS?

YOU ARE NOT STUCK AT HOME. YOU ARE SAFE AT HOME!



OUR HANDPRINTS

PRINT THE HANDS OF ALL THE PEOPLE LIVING IN YOUR HOME
(IN DIFFERENT COLOURS) AND PLACE YOUR HANDS HERE

SPECIAL OCCASIONS

WHAT OCCASIONS DID YOU CELEBRATE DURING THIS TIME?
WRITE THE LIST DOWN HERE AND WHAT YOU DID TO CELEBRATE
(E.G. ST. PATRICK'S DAY, EASTER, BIRTHDAYS, ANNIVERSARIES)

EVENT	DATE	HOW YOU CELEBRATED

LETTER TO MYSELF

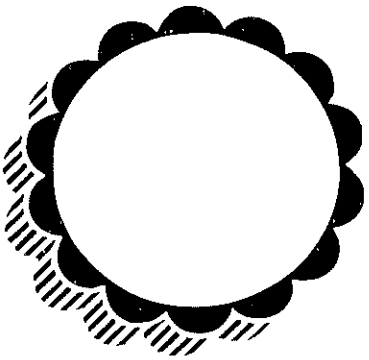
DEAR,

LOVE,

INTERVIEW YOUR PARENTS

WHAT HAS BEEN THE BIGGEST CHANGE?

HOW ARE YOU FINDING HOMESCHOOLING?



DAYS SPENT INSIDE

HOW ARE YOU FEELING?

YOUR TOP 3 MOMENTS FROM THIS EXPERIENCE:

1. _____

2. _____

3. _____

WHAT ACTIVITIES/HOBBIES HAVE YOU MOST ENJOYED DOING?

WHAT ARE YOU MOST THANKFUL FOR?

WHAT TV SHOW YOU WATCHED : _____

YOUR NEW FOUND FAVOURITE INSIDE FAMILY ACTIVITY:

_____

FAVOURITE FOOD TO BAKE:_____

FOVOURITE TIME OF DAY: _____

GOAL/S FOR AFTER THIS:

LETTER FROM YOUR PARENTS

DEAR,

LOVE,

Starters for STEM

Starters for STEM are 10 activities that parents can use at home to help children develop their science, technology, engineering and maths skills. Theses activities are easy to resource and provide children with the stimulus to talk about the world around them. If you see a link you can explore how to extend these activities, you will need to sign up, for free, to access these materials. Don't forget to share your work on social media

#ScienceFromHome

Best Bird Beak

Birds' beaks have adapted to be the best shape to pick up the food they eat. Try using chopsticks,a spoon, a clothes peg and tweezers to pick up rice, raisins, stones, seeds and spaghetti. Which beak is best for each food?

https://www.stem.org.uk/rx32w3

Carrot Tops

Cut the top off a carrot and place it on a plate with some water. Watch what happens. Can you measure any growth?

Wonderful weather

Keep a diary of today's weather. Was the weather better in the morning or in the afternoon?

https://www.stem.org.uk/elibrary/resource/26225

Where has your food come from?

Have a look at the labels on 5 different types of food in your house. Where did they come from? Which place in UK or which country in the World? Which has travelled the furthest?

https://www.stem.org.uk/rxtnp

Who's on the menu?

Create a list of the animals in your garden from the largest visitor to the smallest insect. Who eats who? Can you create any food chains or a food web to show who's on the menu?

http://tiny.cc/rnw7lz

Tallest Tower

How can you make the tallest free standing tower from just one piece of A4 paper? You can use a pair of scissors, but no glue or tape is allowed.

https://www.stem.org.uk/rxsrk

New Roof for the Three Pigs

After the Big Bad Wolf blew down the 3 little pigs house they needed to repair the roof. They decided to make it waterproof to stop the rain coming in. Can you build them a roof that will stop the rain coming in?

Explore different materials to find the one that is most waterproof.

http://tiny.cc/htu7lz

Make a telescope

Find a used kitchen roll tube and wrap a piece of card around it. Tape the outside cardboard roll so that it can slide. You can decorate it if you'd like.

Use your telescope to look at things really closely. What can you see through it?

Water Music

Arrange some drinking glasses on a table. If you hit them with a pencil what sound do they make? Is each different? Now add different amounts of water to each glass. How has the sound changed? Can you compose a song to play on your water xylophone?

http://tiny.cc/raw7lz

Making things move

Take a toy car, or any toy with wheels and give it a push on 4 different surfaces in your house or outside space.

Which surface do you think the car will go furthest on? Try it out a few times to find out. Can you find any other ways to make your toy car move?

http://tiny.cc/fwv7lz

Starters for STEM: the Easter Edition

Starters for STEM are 10 activities that parents can use at home to help children develop their science, technology, engineering and maths skills. Theses activities are easy to resource and provide children with the stimulus to talk about the world around them. If you see a link you can explore how to extend these activities, you will need to sign up, for free, to access these materials. Don't forget to share your work on social media

#ScienceFromHome

Make a jumping bunny

Learn about elasticity and force whilst making a jumping bunny. All you need is some paper cups, elastic bands, scissors and some craft equipment. How can you make the bunny jump the highest?
https://www.creativelittleexplorers.com/jumping-bunny-cup-craft/

Code an Easter egg hunt

Use Scratch to code your own Easter egg hunt game. There's even a bunny sprite who could collect the eggs!

https://scratch.mit.edu/

What's in the box?

Easter eggs come in packaging of all shapes and sizes. Can you create and decorate a net for a box to hold one of your Easter eggs? Carefully opening out one you already have may help give you some ideas.
https://www.stem.org.uk/rxssa

Easter stained glass window

Cut out an egg shaped frame from black paper with some strips across the middle, joining the sides. Then stick tissue paper over the gaps. Put it in your window to let the light shine through. Identify which materials are opaque, transparent and translucent.

Look out below!

Create parachutes of different shapes, sizes or materials. Attach string to each of the corners of your parachute and then attach them to your chocolate egg. Which parachute creates the softest landing?

Plastic egg floating challenge

Try filling plastic eggs with different materials to see which floats and which sinks. Does the amount of material in them make any difference?

Challenge yourself to get your egg to sit half in the water and half out.

Melting Easter eggs

Watch the video in the link below to find out how chocolates are made through reversible changes. With help from a grown up, melt some of your own chocolate Easter eggs. Maybe use it to decorate the top of home made buns. Let them cool and set before taking a bite.

https://www.stem.org.uk/rx33b2

Endangered egg decorating

Combine art and science to create models of endangered species. Choose your favourite threatened species and study their key features. Then decorate an egg to look just like them!

https://www.stem.org.uk/rx3224

Transport an egg down the zip line

Try out this super Easter STEM challenge! Create a harness to take a chocolate egg, or if you're brave, a real egg, down a zip line.

https://www.science-sparks.com/egg-stem-challenge/

Signs of Spring

Take a walk with your family, look carefully in your garden or even look out of your window. It's Spring and there's lots of new life out there.

Record all the signs of new life you can see. Create a table, list them, or draw pictures. How many can you find?