



Welcome to your summer Challenge Passport!

Over the summer break, we task you with some useful and extended activities to help prepare you for your return to school in September.

Teachers from every department have put together tasks which draw on their subject areas to help you to get prepared for their subjects.

When school is open again, we would love to see what you have been inspired by from the Challenge tasks. Bring in what you have done and we will create a display to celebrate your achievements!

Are you ready for this final challenge? 😊

NAME: _____

	DATE COMPLETED	PARENT/CARER SIGNATURE
ENGLISH		
HISTORY		
MFL		
SCIENCE		
PE		
RPS		
GEOGRAPHY		
DRAMA		
MUSIC		
DT		

	DATE COMPLETED	PARENT/CARER SIGNATURE
ART		
ICT		
MATHS		
FOOD		
BONUS		
ADDITIONAL TASKS:		
ADDITIONAL TASKS:		

ENGLISH

Door To the Future....

Imagine a door. Any door. What does it look like? What's in the other side? Where does it lead to? Is it a normal door?

Either:

1. Describe the world on the other side of the door....

Or

Imagine it is a door to the future. Write a speech arguing what you would like to see on the other side of that door. A world without racism? A world that has solved climate change?

HISTORY

Historical bakes challenge:

Have a go at either making or designing a tasty treat based on a historical recipe. Could you make Henry VIII's favourite orange and apple peel pie? Or how about a Roman burger to help you conquer an empire? If you aren't able to, or just don't fancy making the actual dish, then design one based on a historical recipe instead. What time period is it from? How would it be decorated? Who is your bake for? Enjoy and get creative with your history this summer!

MFL

Choose any of the following:

- Create a quiz on any words / phrases / sayings in French or German
- Create a word search containing any words of your choice in French or German
- Write a postcard to your teacher about what you've done over the holidays in French or German
- Find the words to a French or German song or nursery rhyme
- Watch a TV show with French or German subtitles

Extra support on SMHW

SCIENCE

Read	Write	Research	Create	Explore
100 Things to know about Space, Alex Frith, Alice James and Jerome Martin	Write a news report about what you think is the most important scientific discovery	Why don't penguins feet freeze? Try the New Scientist and there are lots of books in this series	Create a song to remember the names of the first 20 elements on the periodic table	Download an app on the stars and constellations then go outside at night to identify them

DESIGN TECHNOLOGY

Upcycle!

Upcycle a piece of clothing: tie dye, change the shape, design.

Or you could upcycle an old pillow case into something new.

Using clothes or textile items found around the home to create an image – whether that is a rainbow, a face or something else!

Get creative!

FOOD TECHNOLOGY

Make something!

Sweet or Savoury – you choose!

Make some food for your friends and family.

Create a self-portrait out of food!

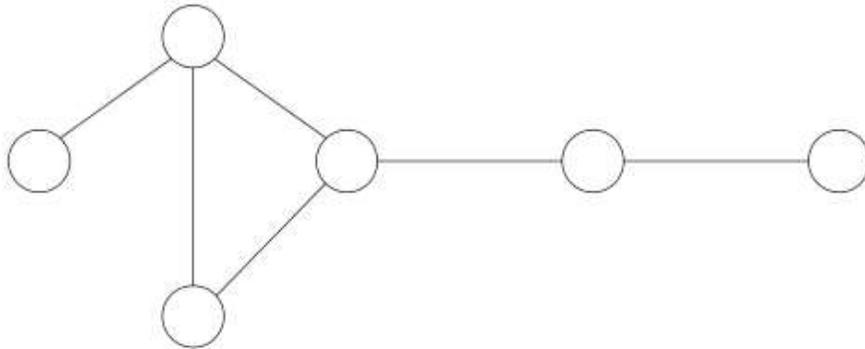
Whether you're making a sandwich, cake or fruit salad – see if you can make a self-portrait out of your food!

Take photos of what you make.

<p style="text-align: center;">PE</p> <p>This PE work will give you an excellent opportunity to continue to develop your cardiovascular endurance. Cardiovascular endurance is the ability to transfer oxygen around the body over a sustained period of time without fatigue. This is really important in a variety of sports and will have a great impact on your performance in PE lessons in the future!</p> <p>There is a table on the back page to track different physical activities that you have been completing (jogging/swimming/cycling etc.).</p> <p>How many Kilometres can you accrue over the summer holidays?</p> <p>Rewards for September!</p> <p>Bronze Award: 50km 10 House points! Silver Award: 75km 20 House points! Gold Award: 100km 30 House points</p>	<p style="text-align: center;">RPS</p> <p><u>Year 7:</u></p> <p>Using the internet, please go to www.truetube.co.uk, and search 'alien abduction: Judaism'. Please watch the clip of the Rabbi describing his religion. Then, make a fact file on the basic facts about the Jewish religion. You must include: Beliefs about God, life after death, how Judaism began, how the religion affects everyday life, festivals, bar/bat mitzvahs and beliefs around pigs.</p> <p><u>Year 8:</u></p> <p>Research three examples of social injustice (for example it could be poverty, racism, sexism, homophobia, slavery, etc.) Define each example in turn and give at least one detailed example of how this affects people in their everyday lives. You may use amnesty.org.uk and search under 'campaigns and issues' for information.</p>
<p>ART – Year 7</p> <p>Patchwork Drawings:</p> <ul style="list-style-type: none"> • Choose any object or scenery to work from. • Split into a grid or sections. • Experiment with different patterns and mark making to create a patchwork image. • This can be drawn, created digitally, by collage or through the use of any other materials you have at home or in the garden. • Have fun and be creative. <p>RECREATE A FAMOUS WORK OF ART</p> <ul style="list-style-type: none"> • <u>Choose a piece of art work.</u> • <u>Use objects, clothing and any other items you have at home or in the garden to try and re-create your own version of a piece of art work.</u> • <u>Take a photo and share with us in September</u> • <u>Visit websites below to help you choose a piece of work</u> • <u>https://www.tate.org.uk/kids/explore</u> • <u>www.nationalgallery.org.uk</u> 	<p style="text-align: center;">ART - Year 8</p> <p><u>Coffee Art:</u></p> <p>To complete this activity you are going to need:</p> <ul style="list-style-type: none"> • A paintbrush • *Instant Coffee *Instant coffee works best but if you don't have it try really strong espresso • A pencil and paper. • Your imagination <p>Have you ever spilt your coffee and seen an image in the mess left behind? Sometimes the most interesting art happens by accident, when you try and use your imagination! Spill a drink and then give it a go...there is no wrong or right when you use your imagination!!</p> <p><u>Art Inspired by Nature:</u></p> <p>To complete this activity you are going to need:</p> <ul style="list-style-type: none"> • Petals, leaves and grasses (that you might find in your garden) • Paper • Your imagination

MATHS

We can represent a group of friends by drawing a graph. Each node represents a person. An edge joins two nodes if and only if those two people are friends. Here is a graph showing a group of friends. Can you work out who's who using the clues below?



1. Alan has 3 friends, Barney, Charlie, and Daniel.
2. Barney and Ed are both friends with Charlie.
3. Ed is Frank's only friend.

Are there any more solutions to the problem?

Can you design a puzzle with five friends, where some people have more than two friends, with a unique solution?

GEOGRAPHY

Year 7

Watch David Attenborough's documentary on climate change 'Climate Change - The Facts' (follow the link below). Things to think about:

- What is climate change?
- What are the effects of climate change?
- What can be done to stop climate change?

<https://www.bbc.co.uk/programmes/m00049b1>

Year 8

Research the Boxing Day Tsunami and create a fact file to show:

- When it occurred?
- What countries were affected
- How were countries affected?

ICT

Challenge 1 – Cyber Discovery

Do you like solving problems? Have you ever wondered what it would be like to be a cyber-security expert? Then try the CyberStartGo challenges at <https://go.joincyberdiscovery.com/>. Click 'Begin', watch the tutorial, click 'play' and register to start playing. You have 60 minutes to solve as many problems as you can. Take screenshots as you work and place these in a WORD document, so that you can show these to your teacher when you return to school in September.

Challenge 2 – SCRATCH

Do you like programming? Then why not have a go at one of the challenges on the SCRATCH website. Go to <https://scratch.mit.edu/ideas>, choose a tutorial e.g. 'Code a Cartoon' and create the program. Save your game and take screenshots as you work (place in a WORD document), so that you can show these to your teacher when you return to school in September. NOTE: This must be your own game and not one you have copied off the internet

DRAMA

Watch one of the streamed productions online:

- <https://globeplayer.tv/>
- <https://www.youtube.com/channel/UCUDq1XzCY0NIOYVJvEMQjqw>

Write a review of what you have seen.

OR

Try making your own theatre puppet out of waste paper:

<https://www.youtube.com/watch?v=pFEnZfS5IXQ&feature=youtu.be>

MUSIC

Challenge 1: INTERVIEW someone in your household (preferably someone older than you) about their music likes and dislikes, and experiences

You could:

- Write a set of questions, e.g. What music did you listen to as a child or teenager? What was the first song you bought? If you were stranded on a desert island, which 5 songs would you want to be able to listen to? What were music lessons like when you were at school?
- Record your interview, if you have a phone or device that can record.
- Remember to thank the person who has taken the time to answer your questions!

Challenge 2: CREATE A PLAYLIST to introduce someone to your favourite genre of music

You could:

- Choose your favourite genre of music, e.g. pop music, jazz, rap, musical theatre.
- Think about what pieces/songs are excellent examples of this genre. You might even like to do some research to see what experts think.
- If you have access to a music platform such as Spotify, YouTube, Amazon Music, etc. you could create the playlist on it. Otherwise you could write your playlist down.
- Even better...Write a blog (a short piece of writing) about why you have chosen these pieces. Why are these pieces good examples of this genre? What is interesting about them?

BONUS TASK

- **Make a Positives Jar**
- **Find an old jam jar and decorate it.**
- **Fill the jar with all the different things you are grateful for over the summer holidays.**

For example:

I am grateful for spending time in the park with my friends.

I am grateful for a BBQ with my grandparents.

Year 7 – Summer Bridging Project - Product Design

Use the images on this page, analyse them using the questions below to help you.

1. Why you like them or what you don't like?
2. How would you improve the design?
3. Ergonomics – How comfy it would be to use?
4. Aesthetics – How good does it look, why have they used these colours?

Analysis: -

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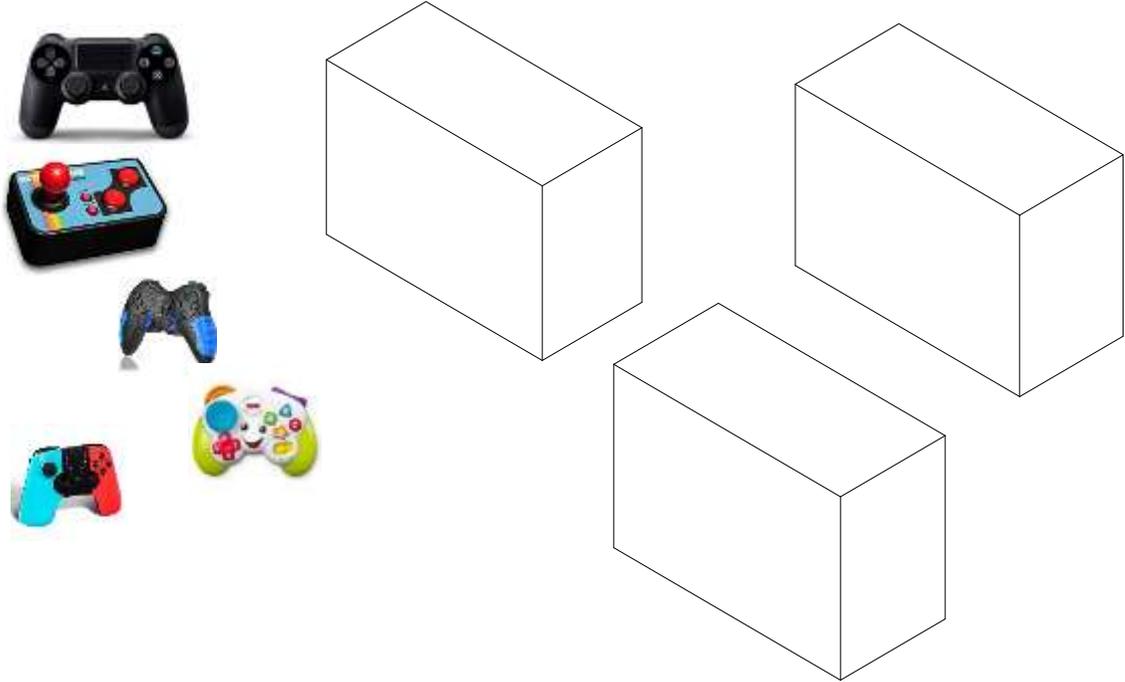
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Specification: -

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Evaluation: -

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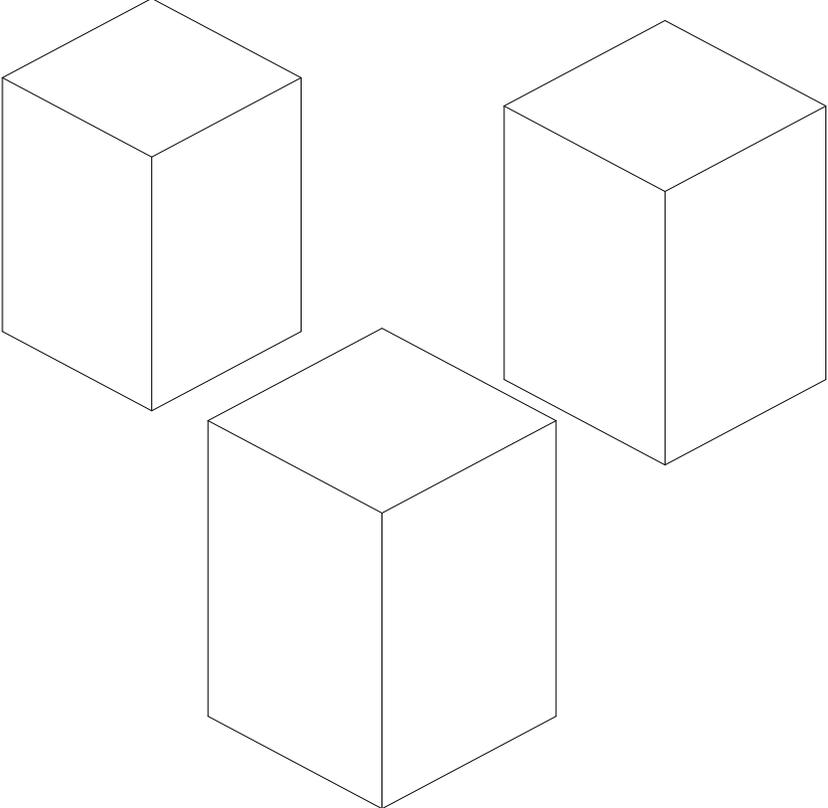
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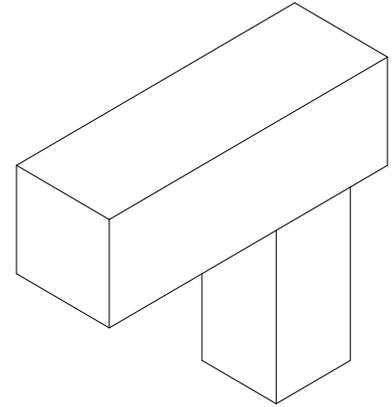
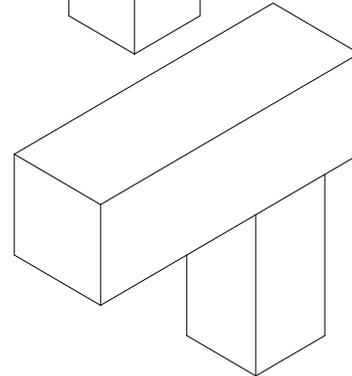
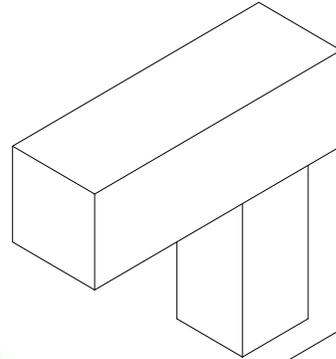
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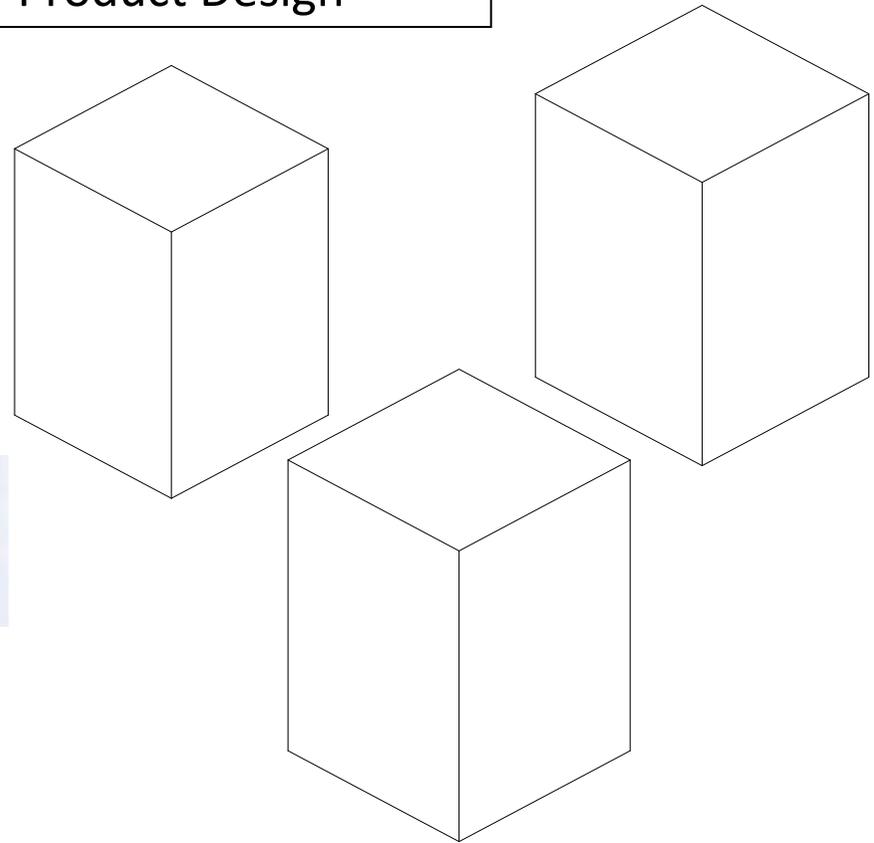
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Year 7 – Summer Bridging Project - Product Design

You are going to design a new product. Follow the steps below and use the A3 sheet to analyse, design and evaluate.

Product Analysis

Use the images on the page, Explain what you think about them. Use the questions below to help you.

1. Why you like them or what you don't like?
2. How would you improve the design?
3. Ergonomics – How comfy it would be to use?
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Specification

If you were designing a new product what key features would it need to have, list them on the sheet. Start your sentences with something like – For my product to be successful it would need to

Initial Ideas

Use the 3 dimensional template to sketch design ideas for a new product. Sketch three different design ideas and render them neatly in colour.

Evaluation

Read your specification, now explain how well your design matches what you said you would do. Explain which of your designs is best and why.

Year 8 – Summer Bridging Project - Product Design

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Product Analysis

Use the images on the page, Explain what you think about them. Use the questions below to help you.

5. Why you like them or what you don't like?
6. How would you improve the design?
7. Ergonomics – How comfy it would be to use?
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