Sully School School Key Stage 2   2020 -2021

Four Purposes - eg ACL - Undertake research and evaluate critically. ECC - Lead and play different roles

Languages, Literacy and Communication - **Mathematics and Numeracy** - **Science and Technology** - **Humanities** - **Health and Well-Being** - **Expressive Arts**

Autumn	Week beginning: 8th February	Year Group: 6	Class Teacher: Mrs Morgan & Miss Martin
	Literacy	Numeracy	Topic
Dydd Llun Monday	**LO: to identify different word classes**	<u>**Vocabulary for the week**</u> <u>millimetres centimetres metres</u> <u> kilometres grams kilograms millilitres litres</u> <u>**LO Multiply and divide by 10 and 100.**</u> **It is important to remember the rules for multiplying and dividing whole numbers and decimals by 10 and 100 etc.** **To multiply by 10, move the digits one space to the left.** **To multiply by 100, move the digits one space to the left.** **To divide by 10, move the digits one space to the right.** **To divide by 100, move the digits two spaces to the right.** **The decimal point stays in the same place.** **Remember to check if it is a multiplication or division and whether it is by 10 or 00.** **In multiplications calculations, the numbers get bigger and in division the numbers get smaller.** <u>**Chilli Challenge 1**</u> **- In this challenge you are multiplying and dividing whole numbers.**	<u>**LO Design and create a Willow Pattern Plate**</u> **Friday is Chinese New Year and to start off some activities we have planned to celebrate we are going to design our own Willow Pattern Plates.** **The Willow Pattern is a style of design that is mostly found on china (porcelain) and comes from East Asia. The design tells a story about the love two people shared and how they fled from the woman's father as he didn't approve of their relationship. The design is usually painted in blue but there are examples where it has been done in green and pink.** **You will need a paper plate/paper / card , blue paint and a fine paint brush.** **However, if you don't have paint or a paint brush you can use a blue felt tip pen or a pencil crayon or fine liner or anything which writes in blue. Remember not to change colours half way through.** **You can retell the story of the love of the two people or you can create your own story to illustrate. You can link it to the stories of Scott or Shackleton if you want to or make a story of your own.**

		Chilli Challenge 2 - In this challenge you are multiplying and dividing whole numbers and decimals.	We have included a powerpoint and also some clips on how to create a Willow Pattern Plate.
		Chilli Challenge 3 - In this challenge you are multiplying and dividing decimals.	Take a photo and upload it. Or even video yourself creating and painting and upload it.
		Draw a place value board to help you	
		Th H T U . Tenths Hundredths Thousandths.	Keep your Willow Pattern Plates safe so that we can display them when we are back in school.
			Have fun and remember to clean up any mess you make.
Dydd Mawrth Tuesday	**LO: to use subject specific vocabulary** **Welcome Polar Explorer Experts! We have spent a lot of time learning about polar explorers and researchers, so today you are going to become a Polar Fashion Designer. Your task is to design a kit for a Polar Explorer. You will firstly need to read the information on the BAS (British Antarctic Survey) website to make sure you have a good understanding of what your design needs to include. We have also attached some additional information that you may wish to use. Your challenge is to use the following subject-specific vocabulary:** **perspiration** **insulation or insulated** **layers or 'the layer effect'** **ventilation** **lightweight** **Please draw your design on paper and label each element of your kit, using the terms above where possible. You may wish to draw**	**LO Multiply and divide decimals by 10 and 100.** **It is important to remember the rules for multiplying and dividing whole numbers and decimals by 10 and 100 etc.** **To multiply by 10, move the digits one space to the left.** **To multiply by 100, move the digits one space to the left.** **To divide by 10, move the digits one space to the right.** **To divide by 100, move the digits two spaces to the right.** **The decimal point stays in the same place.** **Remember to check if it is a multiplication or division and whether it is by 10 or 00** **In multiplications calculations, the numbers get bigger and in division the numbers get smaller.** **Chilli Challenge 1** In this challenge you are multiplying and dividing decimal numbers. There	**LO: to participate in physical activity** **Please choose at least one of the activities from the list below:** *** Steps challenge: Enjoy a family walk outside in the fresh air. If you have a Fitbit or any activity tracker, monitor your steps for the day. Can you get to 10,000 before bedtime??** *** GPS Tracker Challenge: If you or a parent has an app such as Strava, see if you can walk or run to create a shape on your activity map. We have attached an example of someone who has run in the shape of a heart.....it's not as easy as it looks!** *** Cycle challenge: Go outside for a cycle if you are allowed.** *** Fitness challenge: 10 squats, 10 sit-ups, 10 press-ups, 10 jumping jacks, sprint on the spot for 30 secs. Repeat 5 times.** *** Complete the attached Joe Wickes work out.**

	the outer layer only and then describe the other layers in words underneath your design. Please check the spelling of any tricky words and use your neatest handwriting, remembering to use a ruler and a pencil to draw lines when you are labelling your picture. We will be sending the best designs to the British Antarctic Survey on Twitter, so good luck!!	is a place value board on the sheet to show the working out clearly. Chilli Challenges 2 and 3 You need to work out if the number was multiplied or divided by 10 or 100 in some of the questions . In others you need to find the original or final number. You are working in reverse! Draw a place value board to help you and read the questions very carefully.	*A reminder that there is not check-in this afternoon as it is our PPA time.*
Dydd Mercher Wednesday	LO: to write persuasively Attention Polar Fashion Designers, your task today is to persuade The British Antarctic Survey (BAS) that your design from yesterday is indeed the best design and should win the famous Polar Explorer Fashion Design Competition. Using your design, you will need to write a persuasive advert to persuade the BAS that yours is the best by: Writing an effective introduction - introduce who you are, which company you work for and why you are speaking to them. Writing at least two paragraphs about why your design is the best. Writing a conclusion at the end - emphasise again that your design is undoubtedly the best and should win the contest. Success Criteria Time connectives (e.g. firstly, secondly, in addition, furthermore) Persuasive adverbs and phrases (e.g. surely, certainly, you cannot argue that, you must agree that, without a doubt)	LO Convert metric units of measure Length When converting units of measurement, there are some very important rules to remember: To change a larger unit of measurement into a smaller unit of measurement, we multiply. For example; cm to m to mm or km to m. Write 2.7km in metres. There are 1000m in a km. Therefore, 2.7 x 1000m = 2700m. To change a smaller unit of measurement into a larger unit of measurement, we divide. For example; km to m ,m to cm , cm to mm Write 3400cm in metres. There are 100cm in a metre. Therefore, 3400 ÷ 100 = 34m 10 millimetres (mm) = 1 centimetre (cm) 100 centimetres (cm) = 1 metre (m) 1000 millimetres (mm) = 1 metre (m) 1000 metres (m) = 1 kilometre (km) Chilli Challenge 3 is on a different document .	LO: to create an online quiz As you are now all Frozen Planet Experts, we would like you to create an online quiz (on Google Forms) to test your family and friends' knowledge of this topic. Think of ten multiple choice questions you could ask. Remember that your facts need to be accurate so you may need to check your information before writing your question; we have attached some websites that you may find useful. Examples could include: which animals live in The Arctic? What was the name of Shackleton's ship? Who was the first person to reach the South Pole? We recommend you watch the attached video of Mrs Morgan explaining the activity so you familiarise yourself with Google Forms. Remember that you must access Google Forms via Google Drive, not Google Classroom. When you have completed your form, please share it with your teacher (Y6AM - morgana525@hwbcymru.net and Y6KM- martink10@hwbcymru.net).

	Boastful adjectives (e.g. best insulation, most effective, most innovative, striking design, etc) **Rhetorical questions (e.g. why choose another design?)** **We have attached an example of a persuasive advert that you can use as inspiration.**		
Dydd Iau Thursday	**LO: to prepare a speech** We are going to turn our attention to developing our oracy skills for the next two days as we have done a lot of reading and writing, but not much oracy. Today, we would like you to write a speech about anything you are passionate about. For example, you could write about your favourite hobby or sport. You could write about anything that interests you such as WW11, Climate Change, animals, history, etc. You could even write about a special holiday or achievement but it needs to be detailed enough to fill the time. our speech needs to be about 3-5 minutes long and needs to be engaging, so you are able to hold the interest of your audience. Tomorrow, you will be learning your speech, so you may wish to prepare prompt cards as we do not expect you to learn it word for word, although you must not read from your cards as they are only there as a prompt. You can use photographs or objects that will enhance your performance (e.g. show trophies, photos, etc).	**LO Convert metric units of measure - Weight and Capacity** **Two challenges today and we want you to complete them on paper .Then we would like you to mark your work after you have completed it.** **Chilli Challenge 1 is on two different sheets, one for weight and one for capacity.** **Chilli Challenge 2 /3 are on two different sheets as well- one for weight and one for capacity.** **When converting units of measurement, there are some very important rules to remember:** **To change a larger unit of measurement into a smaller unit of measurement, we multiply.** **For example; kg to g 0r l to ml** **Write 2.7l in ml. There are 1000ml in a l. Therefore, 2.7 x 1000ml = 2700ml.** **To change a smaller unit of measurement into a larger unit of measurement, we divide.** **For example; g to kg or ml to l** **Write 3420g in kilograms. There are 1000g in a kg. Therefore, 3420 ÷ 1000 = 3.42kg.** **Mass**	**LO: to plan and prepare a basic meal** **Tonight is Chinese New Year's Eve, so we would like you to firstly listen to the attached video (which has been created for our school) which will tell you all about it.** **When you have watched the video, your task today is to plan for your own New Year's Eve Gala dinner in your own house! We thought it would be a lovely idea for you to plan and prepare a basic meal for your family. Your first job is to convert your house into a restaurant or cafe by giving it a name, planning what you are going to make and then creating a menu. You could for instance call your restaurant 'The Divine Diner', 'Y Cwtch', 'No25', etc.** **You now need to think of a meal that you know you are able to prepare independently or with limited assistance (it could be as basic as a sandwich, a bowl of pasta with pesto, beans on toast, etc. You might want to serve a simple dessert too). It can be a traditional Chinese dish if you wish.**

	Listen to the attached BBC link and read the information as it gives you lots of ideas of how to structure your speech. You can write your speech on paper or type on the attached Google Docs. Remember that the delivery of your speech is as important as the content. You do not have to submit your speech today as we are aware it may take more than one session.	1000 milligrams (mg) = 1 gram (g) 1000 grams (g) = 1 kilogram (kg) 1000 kilograms (kg) = 1 metric tonne (t) **Capacity (Volume)** 1000 millilitres (ml) = 1 litre (l) 100 centilitres (cl) = 1 litre (l)	You must ask permission before preparing your meal and you must have adult assistance if you are using an oven, hob or boiling a kettle. Remember the aim of this is to be a treat for your family member(s), so you must promise to tidy up the kitchen! Do not worry if you do not have time to cook today as you can do it on the weekend or over half term instead if you wish. You might want to make it even more special by asking your family member to wear a special outfit and you could dress as a chef or waiter/waitress! You do not need to submit anything, but we would love to see any photos of what you make.
Dydd Gwener Friday	**LO: to develop my speaking skills** **LIGHTS, CAMERA, ACTION!** Your task for today is to practise the speech that you wrote yesterday. Remember that how you deliver your speech is as important as the speech itself. You do not need to learn it word for word as you can improvise as you go along. You can use prompt cards to help you but you must just glance at them occasionally. I would therefore only write key words to help; do not write full sentences as you will be tempted to read them.	**LO: Convert metric measurements** Today's Maths involves you recapping on all the work completed on converting metric measures. You need to collect objects from around the house and enter their weight, length or capacity into the Google Docs. You then need to convert the measurement into either a larger or smaller unit, depending on what the original measurement is.	**LO Recognise the symbolism of the Chinese Zodiac.** **Identify my own qualities.** It is Chinese New Year today and to complete our celebrations this week, we are looking at the Chinese Zodiac. Your first task is to read the power point on the Chinese New Year story and to list all the animals mentioned. You then need to read the power point prepared by our new Mandarin tutor - Culture 12 Zodiac animals.

Remember that this task is to develop your oracy skills, not your reading skills. You can use props to support your speech (such as medals or photos) too. **Success Criteria** **Your talk needs a clear opening, middle and ending** **Eye contact - look at the camera** **Talk clearly, making sure you pronounce words correctly** **Use expression to hold the interest of your audience** **Try to add humour** **I know some of you love presenting and others find it really tricky, but oracy is an important skill that needs to be practised as much as reading and writing. Can you therefore please record yourself and then upload the video of your speech to the assignment.** **You are more than welcome to practise over the weekend too. Please try to submit your speeches by Sunday night if possible.** **We cannot wait to see them!**	**You need to find six objects for length, six for weight and six for capacity.** **If you are using a decimal point in your answers, remember the unit of measure refers to the whole unit .**	Carefully read all the qualities associated with each symbol. How any qualities do you recognise in yourself? **Finally, identify the very many qualities you all have. You need to list at least twelve but you can , of course have more. We have already done some work on qualities so look back at your previous work to refresh your memory.** **For each quality, or group of qualities, you need to create a symbol which you think best sums up that quality in you.** **It does not have to be an animal. If you think you show resilience in school work you can draw a school book etc.** **Explain why you have chosen the symbol to represent the quality and why you have chosen that quality..** **You need to have twelve different symbols , but if you have more than twelve qualities, a symbol can represent more than one quality.** **Finally, you can present them in your preferred way. Some examples have been included to give you some ideas.** **Success Criteria** **Bold Heading eg My Zodiac** **Clear images** **Identify quality associated with that symbol** **Explanation for why you have chosen that quality and symbol** **Remember to take a photo of your work and upload it if you do it on paper. Or you can insert images on the Google Document provided.** **Finally, if you have completed all your work, you can use the tangram sheets to make one, or all, of the symbols of the Chines Zodiac.** **Have fun and Happy Chinese New Year.**