



WB 05.02.2024

Hello everyone and welcome back, I hope you had a wonderful break! I am so looking forward to continuing your learning journey with you and excited for all the wonderful experiences we have to come.

This week we will be continuing to discuss our 'Camu Trwy Cymru' topic and Welsh coal mining. We will be continuing our first hot write learning journey and will begin measuring in mathematics. We will be continuing our recorder lessons- how exciting!

As always, if you are working from home, try to follow the plan as best as you can and remember to upload photographs of your work to Seesaw so that it can be marked and we can feedback. Any extra sheets or information you may need will be included in a link in [blue](#).

Any problems, feel free to comment on Seesaw or email me on Webberr23@hwbcymru.net

Monday

Four Purposes Missions (completed throughout week)

Ambitious, capable- Using the place value dice, create a 2 digit/3 digit number, then divide it by a single digit using lattice method

Enterprising, creative- Using the range of resources (charcoal/pastels) create your own piece of coal mining inspired art. [Image](#)


Healthy, confident- Create a poster of safety advice for people working in mines

Ethical, informed- In celebration of Dydd Miwsig Cymru write your own Welsh song that celebrates Wales and the Welsh landscape/ mining villages and coal mining

1	WALT: Hot Write- Newspaper Report	Daily Mile: 9.10am-9.30am Activity: During this session the children will continue writing their hot write Newspaper Article about Big Pit 40 TH Birthday. During this session we will focus on: writing the main body/conclusion of the newspaper article. Gold- to work independently to write main body Silver- to work with some support Bronze- RW to support sentence building.	HCI.6 EIC.5 ACL.1 ACL.2
2	WALT: Measure length-cms	Activity: Discuss how we measure items- model using non-standard units of measure and then discuss the need for standard measures. Measure in cms-Video Discuss how we use a range of equipment to measure items- rulers/measuring tapes. Discuss the appropriateness of the equipment for measuring different things. Measure items in the classroom- focus on measuring in cms accurately and then record the measurements of items in your book.	ACL.6
3	WALT: Begin to explore change of state- immersion session	Activity: This afternoon we will begin our science journey of change of state. This afternoon we are going to be experiencing the impact heat can have on state. We will be working in the garden with Mrs Webber and Mr Ellis to create a fire. We will be heating items over the fire and discussing the impact on the items.	ACL.1 ACL.2 ECC.3



TY'N Y WERN


Tuesday			
1	<p>WALT: Perform recorder songs</p>	<p>Activity: During this session the children will be working with a music teacher from Caerphilly music service and will be learning to play the recorder.</p>	<p>ECC.1 ECC.3 HCI.6</p>
2	<p>WALT: Grouping Matter</p> <p>Particles- change of state</p>	<p>Activity: Today we will be continuing to explore changing states in science. The children will be beginning a double page spread titled- states of matter. We will be begin by examining different states of matter and classifying them as solids/liquids/gases.</p> <p>Next we will be discussing how all matter is made up of particles exploring the way in which the behaviour of the particles in different states of matter differs. Children will record on their double page spread- states of matter.</p>	<p>ACL.1 ACL.2 ACL.3</p>
3	<p>WALT: The effect of heat on gas-science experiment</p>	<p>Activity: The presence of gas in the mine was often a major danger. Today we will be exploring what happens to gas when it is heated. This afternoon we will be setting up a science experiment to explore the effect of heat on gas. We will be revisiting the knowledge we have learnt about states of matter- solid, liquids and gases and making predictions about what will happen when we apply heat. Prediction will be record on double page spread.</p> <p>Make your own thermometer: gases expand when heated</p> <p>This experiment introduces the idea that heat makes gases expand. Students will make their own thermometer based on this principle.</p> <p>Materials</p> <p>Per group of pupils:</p> <p>A rigid plastic bottle with a lid Play dough or modelling clay, e.g. Plasticine® A transparent plastic drinking straw A pair of scissors Food colouring (optional) Tap water</p> <p>Procedure</p>  <p>The homemade thermometer</p>	<p>ACL.1 ACL.2 ACL.3 ACL.9</p>



		<p>Use a pair of scissors to make a hole in the top of the bottle lid, big enough for the drinking straw to fit through.</p> <p>Fill the bottle halfway with cold water. Add a few drops of food colouring and mix. Screw on the bottle lid and insert the straw through it into the water, making sure that the straw does not touch the base of the bottle. Seal around the hole in the lid using play dough, thereby fixing the straw in place. The seal must be completely airtight. Place one hand on the upper part of the bottle. What happens to the liquid in the straw, and why?</p> <p>The heat from your hand warms the air inside the bottle. The air expands and pushes on the water, causing it to rise up the straw</p> <p>Questions for pupils</p> <p>Was it really heat that caused the liquid to rise up the straw, or could pressure from your hands be responsible?</p> <p>How can we test this experimentally?</p> <p>Answers: the bottle was rigid and, assuming you didn't squeeze, the liquid rose up the straw due to heat, not pressure. You can test this by placing your hands close to but not on the bottle and seeing if the liquid still rises up the straw.</p>	
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Wednesday			
1	WALT: Measure length- m	Open the Book- 9.30am-9.50am Activity: Discuss how we measure items- model using non-standard units of measure and then discuss the need for standard measures. Measure length in m- video Recap how we use a range of equipment to measure items- rulers/measuring tapes. Discuss the appropriateness of the equipment for measuring different things. Measure items in the classroom- focus on measuring in m accurately and then record the measurements of items in your book.	ACL.6
2	WALT: Assess my own work Reflect on my own learning	Activity: During this session you will using the steps to success that we created as a class to assess you own work. You will be using your Green for Growth and Tickled Pink pens to mark your work and complete your steps to success grid. marking grid When you have completed your steps to success. Go to your coal mining double page spread and add two facts that you have learnt about coal mining in Wales. Check	ACL.1 ACL.2 ECC.1

		your 'I wonder?' bubbles and see if you are able to answer them yet.	
3	WALT: Record method and explanation	Activity: On our double page spread- states of matter. Today we will be recording the method of our science experiment and writing an explanation to explain what happened in our experiment.	ACL.1 ACL.2 ACL.3 ACL.9

Thursday			
1	WALT: Understand Internet Safety Safer Internet Day	Activity: On Tuesday 6 th February it was safer internet day. Look at the Powerpoint together as a class and discuss each slide asking children for their ideas, opinions and experiences. During this session the children will be preparing a poster to outline guidance for online safety. Extension- Imagine you are an online influencer, prepare a script for an internet safety video detailing ways in which people can be safe online.	EIC.2 EIC.4
2	WALT: Measure accurately- cm/m Make decisions	Activity: Recap previous knowledge- measure in cms/metres from earlier this week. When is it necessary to measure in metres? Centimetres? Recap the range of measuring equipment- rulers, measuring tapes, metre sticks. Recall knowledge- cms/metres. Today you are going to go outside to measure different items in the school environment. Working in partners you will be required to decide if you should measure in centimetres or metres. Be sure to measure accurately and record your measurements in your table.	ACL.4
3	WALT: Work well as a team	Activity: This afternoon the children will take part in a series of team building activities. Activity 1 Activity 2 Activity 3 Activity 4	HCI.6 HCI.7 ECC.2
4	WALT: Exploring the Welsh landscape and mining villages Continued	Activity: Continued from last week Recap the meaning of landscape? Discuss the appearance of the Welsh landscape and features of the mining villages. Watch the video of Rhondda Grey. Recap what the song/poem shows us. Look again at examples of previous artwork created by Ty'n Y Wern pupils. Children to then continue to create their own piece of Welsh landscape/mining villages themed art work. Children will use previous experience of creating line libraries to inform their work. 	EIC.5 ECC.1

Friday



1 and 2	WALT: Celebrate Dydd Miwsig Cymru	Activity: Today is Dydd Miwsig Cymru which is all about celebrating Welsh artists and music. We will be celebrating Dydd Miwsig Cymru by taking part in a live assembly to celebrate Welsh language and individuals who have taken advantage of their ability to speak Welsh Assembly Create: Divide children into groups and provide them with recyclable materials to create their own simple instruments. Encourage them to be creative and experiment with different sounds before adding them to Welsh lyrics.	ACL.1 EIC.2 EIC.5
3	WALT: Dreams and Goals- New challenges	Activity: This afternoon we will take part in our next Jigsaw session. Today will be the fifth lesson in our new puzzle pieces titled 'Dreams and Goals'. Today's lesson is all about challenges and how to help other people overcome them.	EIC.6
4	WALT: To be responsible for my environment	Activity: 2.30pm collective worship 3.00pm- Children to reset their classroom in preparation for next week to promote responsibility and consideration for our classroom environment.	EIC.4 HCI.8 HCI.9

Additional Tasks

8.50-9.00am Registers
9.00-9.30am Morning activity-literacy/numeracy focus
9.30-10.30am Session 1
10.30-10.45am Break Time
10.45-11.55am Session 2
11.55-12.20pm Guided Group Reading
12.20-1.20pm Lunch Time
1.20-1.30pm Mindfulness
1.30pm- 1.50pm BOOST-(Monday/Tuesday/Thursday)
Focus Text- The Twits
1.50-3.10pm Session 3 and 4
2.20pm Children complete the 'Daily Mile' to promote physical health and well-being (First thing on a Monday Morning)
3.10-3.20pm Class Storytime/Poetry
3.25pm Home Time