



Support Resources

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Show Summary

It's Delyth the Dragon's birthday and her friends want to throw her a surprise party. They need your help to do this! Pupils need to work together as a class and in small groups to help organise the party. Pupils use their maths skills to find out the time and duration of the party, the cost of buying food, and ways of decorating the party. They will also become a human bar chart and help to arrange the seating plan so that everyone has the best time at the party!



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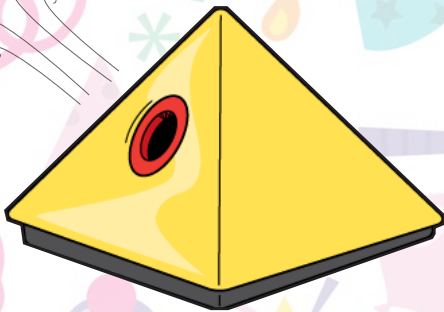
Acknowledgements

Special thanks to the pupils and teachers of Severn Primary School, Albany Primary School and Marlborough Primary School for their support and ideas.

Photo Fun

In each of the following photographs, Delyth is asking a question related to the workshop.

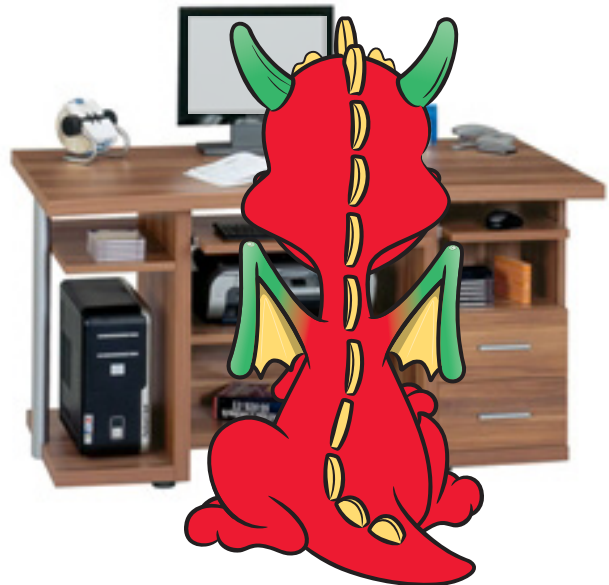
- Set pupils the challenge of answering the questions.
- Ask pupils if they remember the object and how it was used in the workshop. What do they remember about it?
- What did they find out from the workshop?
- Pupils could draw a picture of their favourite part of the workshop. They could add thought bubbles, like on the photographs of Delyth, to explain why they liked it.



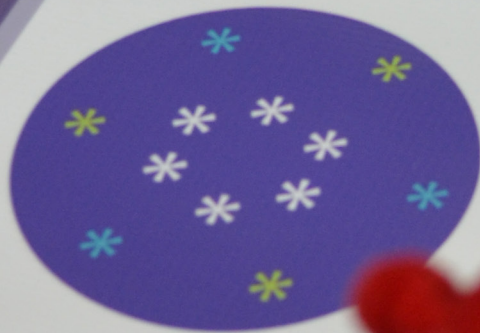
Pupils can email their thoughts, comments and pictures about their time in Techniquiest to:

DelythDragon@techniquiest.org

Delyth will choose her favourite emails and photographs and these will be displayed in Techniquiest. Look out for them next time you visit.



Round
Crwn



Square
Sgwâr



Rectangle
Petryalog



Shape of Cake
Siâp y Cae

What shapes are here? What other shapes do you know?

What kind of food
is this? For which
meal is it eaten?



How many cupcakes
can you see? What
other foods are on this
tray?



How many apples
are there?
Which food has five
pieces?



Model Food

What you need:

- Bowl
- 2 cups of plain flour
- 1 cup of table salt
- 1 cup of water

What you do:

- In a bowl, mix the flour and the salt together. Stir in the water.
- Knead the dough. Add a few drops of water if necessary.
- Put the dough onto a clean, flat surface and knead for about ten minutes. The dough should be warm, soft and pliable.
- If possible, let the dough stand for 20 minutes before use.
- Challenge pupils to mould food shapes from the dough. Can they make models of any of the foods seen in the workshop - cupcakes, sandwiches, biscuits?
- Once they have finished modelling, the dough can be dried in the open air over a couple of days.
- Unused dough should be stored in an airtight container in the fridge and lasts for up to a week.
- Once hardened, the model food can be painted.
- Challenge pupils to make up plates of food for different meals, by arranging their models on paper plates. Can they create food for a picnic? Can they create food for a barbeque? What other types of meal can they think of? Can they model food for these?



Having a Party

- Think about a birthday party you went to. Who else was there? What did you do? What did you eat?
- Find out the word for 'party' in Welsh.
- Find out the word for 'birthday' in Welsh.
- You could use: bbc.co.uk/learnwelsh to help you.
- In the bubble below, write a party invitation in Welsh to Delyth's birthday. Think about what time it will start and where it will be.



Ogre Chase

Delyth loves playing games in birthday parties with her friends. Try this game out with the class.

What you'll need:

- CD of different music.
- CD player.
- A wide open space (preferably outside).

What you do:

- Delyth's friend the ogre likes to play chasing games. Nominate one pupil to be the ogre.
- Start the music. The pupils and the ogre must dance and move around the space.
- When the music stops, the pupils need to stand as still as possible. Encourage pupils to pull silly faces and poses as they stand.
- The ogre watches the pupils closely. The first pupil that the ogre sees moving is out of the game for that round.
- Continue playing for around 15 minutes. Swap ogres over after every three or four turns.



Birthdays

What you need:

- Paper
- Graph paper
- Pencil

What you do:

- Survey each other to find out the month of everyone's birthday.
- Use a table like the one below to keep a tally of pupils' results.
- Once everyone has been surveyed, draw a graph of the results. Every pupil can draw a graph or one big one can be completed by the whole class and pinned up on the wall.

Month of birth													
Number of pupils													

Ask pupils:

- In which month do the most pupils have a birthday?
- Are there any months when there are no birthdays?
- Find out what pupils like to do to celebrate birthday. Do they have a party? Do they go somewhere?
- Challenge pupils to find out what their favourite birthday treat is.
- Can they make a graph of the results in the same way as they have for their birthdays?



Curriculum Links

	Personal and social development, wellbeing and cultural diversity	Language, literacy and communication skills	Mathematical development	Welsh language development	Knowledge and understanding of the world	Physical development	Creative development
Party Maths workshop	✓	✓		✓	✓	✓	
Delyth's photos from the workshop	✓	✓			✓	✓	
Model food - post-workshop activity		✓			✓		✓
Having a party - post-workshop activity	✓	✓		✓	✓		
Ogre chase - post-workshop activity	✓	✓	✓		✓	✓	
Birthdays - post-workshop activity	✓	✓	✓		✓		