



HOW TO USE THE PACK

Llygaid Mathemateg encourages both learners and educators to look for mathematics in the world around us. Using our 'Llygaid Mathemateg' helps people to see the fun in maths and encourages mathematical discussions.

1. Look at the photograph and ask general questions about it.
2. Put on your Llygaid Mathemateg to see what maths you can see.
3. Use the question prompts provided or ask your own questions.

Using Llygaid Mathemateg can deepen conceptual understanding, develop mathematical vocabulary and encourage making links between concepts.

There are 3 question prompts available for each photograph aligned to the Curriculum for Wales progression steps.

- P1** questions are suitable for learners working within progression step 1, broadly up to 5 years of age.
- P2** questions are suitable for learners working within progression step 2, broadly up to 8 years of age.
- P3** questions are suitable for learners working within progression step 3, broadly up to 11 years of age.

To learn more about Llygaid Mathemateg and how it can benefit your learners visit www.cullyeducation.co.uk/llygaidmathemategconcept

For free Llygaid Mathemateg photos and questions visit www.cullyeducation.co.uk/llygaidmathemateg

Did You Know?
Llygaid Mathemateg is Welsh for Maths Eyes.



P3

What do you notice?

Do you know why we have eggs and chicks at Easter? Find out why and explain it to someone else.



Geometry

Can you find acute, obtuse and reflex angles in the photo?

What shape do you think the beaks are? Explain your thinking.

What is the ratio of small eggs to chicks?

Order the chicks by height. Does everyone agree? Convince me.

Do you think the chicks are heavy or light. Explain your thinking.

Can you find something in the photo that you would measure using mm and something you would measure using cm?

Number

What numbers would the chicks be a factor of? The small eggs?

Can you find 3 prime numbers represented in the photo?

What fraction of the chicks have a feather 'comb'? Can you write this as a percentage?

5 Proficiencies

Are the eyes circles? Explain your thinking.

Describe something you can see, without naming it and see if others can identify it.

Statistics

Can you sort the chicks in a Venn diagram? How would you label the parts of the diagram?

If the pattern continued, what colour would the 53rd chick be?



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P2

Geometry

What do you notice?

Why do you think these chicks have been made?

Have you made anything similar?



5 Proficiencies

Can you think of anything else that is a similar shape to the chicks?

Describe something you can see, without naming it and see if others can identify it.

Number

Is there an odd or even number of chicks? Eyes? Beaks?

If there were double the chicks, how many would there be?

How many chicks would you have if you had 2 more groups of 5?

Can you find things in the photo to represent each number to 5?

Statistics

Can you sort the chicks, explaining your choices?

If the pattern of chicks continued, what colour would the 8th egg be?



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PI

What can you see?
What do you notice?
What do you think these are?

Geometry

What is the tallest thing you can see in the photograph?
What is the smallest thing you can see in the photograph?
Can you name any shapes that you can see?
Describe where the small eggs are.
Do you think that the first egg is shorter than the last egg?
How many small eggs tall do you think the 3rd egg is?

Number

How many eggs can you see?
Can you count the eyes in 2s? How many altogether?
Are there more beaks or eyes?
What colour is the 3rd chick?
If there was one less chick, how many would there be?



5 Proficiencies

Talk about what you can see in the photo.
What do you like and not like?
Describe something you can see, without naming it and see if others can identify it.

Statistics

Can you sort the chicks by feather and not feather.
Can you use marks to record how many grey chicks there are?

