

Year 2 Maths Trail

Teachers' notes

H3

H4

H5

This trail is designed to support National Curriculum mathematics learning, and covers a range of subject areas, including calculation, measurement, geometry, and statistics.

It is based on the real mathematics and numbers involved in the mechanics and the history of the planes in Hangar 3/4/5.

The trail can be done individually or in groups, and all that is needed to complete it is a print-off of the questions and a pencil, though clipboards may also be useful. The answers for each question are below.

1. What different 2D shapes can you see in the Hangar? Can you sort them into the correct groups?

Continuing: rectangle, then circle, and then another rectangle.

2. Planes often have numbers in their names. Find two planes and add their numbers together. What number did you get?

There are many answers, depending on which planes were chosen.

3. Find the Bristol Beaufort. Its wings are 18 metres long. If 11 metres were taken away, how long would the wings be?

$18 - 11 = 7$ metres.

4. Find the Supermarine Stranraer flying boat. It has a crew of 6 people. How many people would fit in 4 Stranraer flying boats?

$6 \times 4 = 24$ crew members.

5. Circle one quarter of the roundels.

Two roundels should be circled.

6. Look at the helicopter. Which helicopter is the biggest?

Westland Belvedere is the biggest helicopter

7. Can you find the Lancaster? The propellor blades are in four equal groups.
How many are in each group?

There are 3 blades in each

8. Put the numbers in order from smallest to largest.

de Havilland Mosquito B 35

Fairey Battle 1

Consolidated B 24 L Liberator

Boeing B 17 G Fortress

Fairey Battle 1

Boeing B 17 G Fortress

Consolidated B 24 L Liberator

de Havilland Mosquito B 35

9. Look at the Airtspeed Oxford. How many different shapes can you see on its side?
Can you name them and draw them in the box?

Circles and triangles.

10. Find the Hawker Tempest. Estimate how tall it is.
How many times taller than you is it?

Get the children to explain the reasoning behind their answers.