

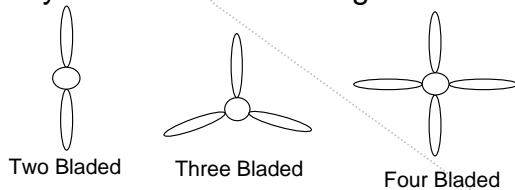
BOMBER HALL

Teacher, Group Leader and Parent Guide Notes

These notes are for any teachers, parents or group leaders using the Numeracy Trail Discovery Sheet for Key Stage One in the Bomber Hall. We do have sheets available for Historic Hangars and Milestones of Flight. These notes are to help you complete the tasks successfully. However, the emphasis of this trail is not to answer all the questions correctly, but to learn to approach numeracy confidently. We hope this is achieved with relation to our aircraft collection. The tasks can be completed in any order.

→ **The first question uses the entire of Bomber Hall:**

As you walk around Bomber Hall the children are asked to pick **eight** aircraft and to create a tally chart for the number of aircraft with **none, one, two and four propellers**. Please note we are not asking them to count the number of blades on the propellers. Some propellers may look like the following



These can all be included as propellers in the count.

The children are then asked to answer some simple questions based on their counts.

- **The Avro Lancaster Bomber.** The first part of the question looks at the symmetry of the name **LANCASTER**. The children are asked to draw any mirror lines they can recognise for each letter. **L** and **R** do not have any mirror lines. Some children might notice that the **N** and **S** have rotational symmetry.
- The following two aircraft can be completed in any order. Follow the path towards the right of the Lancaster, passing the B24 Liberator to the **Vickers Wellington**. Here the children are asked to observe a version of the Royal Air Force roundel. A diagram is given for them to complete. They are then asked what fraction they had to draw in order to complete the diagram. The fraction is a **half (1/2)**.
- Follow the carpeted path to the left of the Lancaster (when looking from the front of the Lancaster) towards the back of the building until you reach the **Avro Vulcan**. At the **Vulcan** there are a number of bombs displayed. The children are asked to count these (there are **21**).
- The final question asks the children to recognise other forms of transport in the hall. There are 7 cars or trucks on display as well as 2 bicycles.