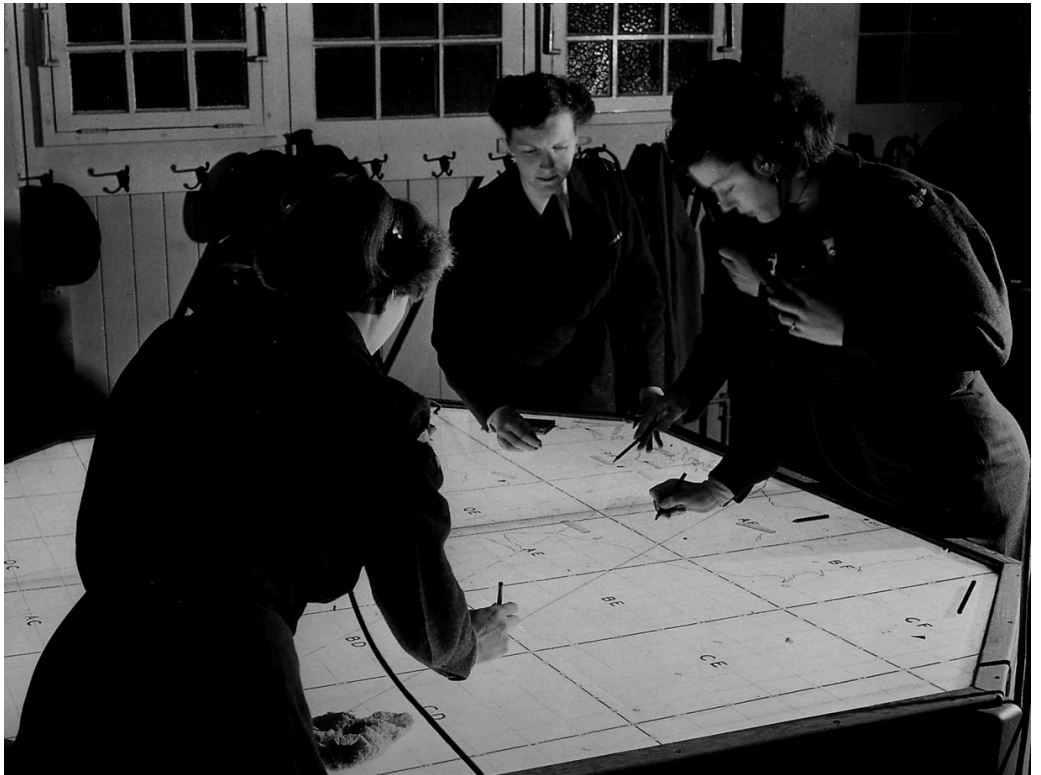




Museum Maths

KS2

Theme of the Week – Battle Coordinates

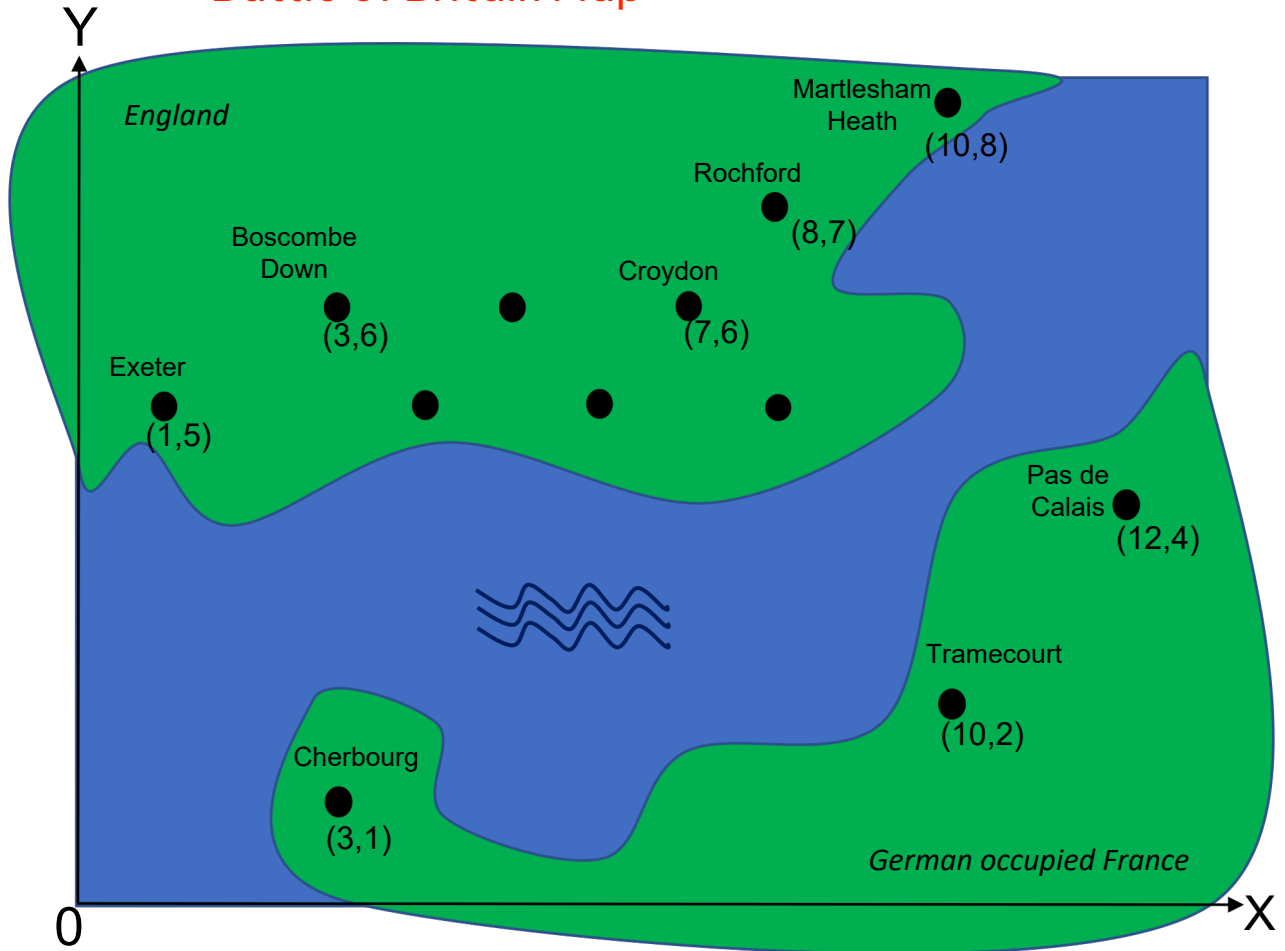


The Second World War began in September 1939 and the Battle of Britain 10 months later in July 1940. During the Second World War the WAAF was created, the Women's Auxiliary Air Force and one of their jobs involved working in the Operations Room, plotting coordinates of enemy aircraft and planning battle tactics. During the Battle of Britain, their work was essential. For this activity, you will be helping the WAAF plot coordinates on a Battle of Britain map. You will find the map in the separate resource sheet. There are 2 maps to choose from, one with gridlines, and one without, if you want to give yourself a bit more of a challenge. The answers are also in that separate sheet so no peaking!



Museum Maths

Battle of Britain Map



Scenario 1

There was a recent air raid on headquarters and now the Operations room is in a mess, but the WAAF still need to work hard to make sure our pilots get all the information they need. Parts of the map were destroyed during the air raid and the WAAF need your help to fill them in. There is a copy of the map above but also on the separate resource sheet. Using the clues and questions see if you can fill in the missing information.



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Scenario 1 Questions

1. On the map we have the coordinates for Boscombe Down and Croydon. A place called Middle Wallop is halfway between Boscombe Down and Croydon, work out the coordinates and label the point for Middle Wallop.
2. Worthy Down is one space down, and halfway between Boscombe Down and Middle Wallop, work out the coordinates and label the point for Worthy Down.
3. Tangmere is on the same line as Worthy Down, and halfway between Middle Wallop and Croydon, work out the coordinates and add the label for Tangmere.
4. Lympne is 2 spaces down from Rochford and 2 spaces across from Tangmere, find the point for Lympne on the map and label it.
5. Which shape do the points of Rochford, Tangmere and Lympne create?

Scenario 2

The Royal Observer Corps were a group of dedicated volunteers during the Second World War, their job was to be the lookouts. They were stationed in every major town and city 24 hours a day and they've just sent in reports of sighting 2 different German aircraft, flying over British territory.



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Scenario 2 Questions

1. A member from the team based in Martlesham Heath just spotted a German Messerschmitt flying over, they suspect it came from Pas de Calais, as the Luftwaffe have a large base there. Back in the Ops Room, work out how many spaces across and up, the Messerschmitt must have travelled to fly over Martlesham Heath.

2. Another report comes in from the Royal Observer Corps team in Exeter, they've spotted a Junkers 88. They suspect this one came from Tramecourt.

Work out how many spaces across and up the Junkers 88 travelled to fly over Exeter.

3. A final report just received, another Messerschmitt has crash landed very close to Martlesham Heath, they found out it came all the way from Cherbourg. Which towns would it have flown over to get to Martlesham Heath?



Well done!