

Whittlesey Maths Trail

Name(s): _____

Date: _____

1. St Andrew's Church—Look at this building. Can you find an acute, obtuse, reflex and right angle? Sketch the different shapes and angles you see and name them. You will be comparing this to St Mary's Church later in the trail. Record the time shown on the clock in analogue and 24 hour form.

2. Library / Community Hub— For how many hours is this building open in total per week? How many more hours is this than the museum?

3. Museum / Town Hall—What would be the most accurate way of estimating the number of bricks that would be needed to seal both arches previously used for fire engines? How would you describe the tiled pattern seen beneath the Town Hall arch? Record the time shown on the external clock.

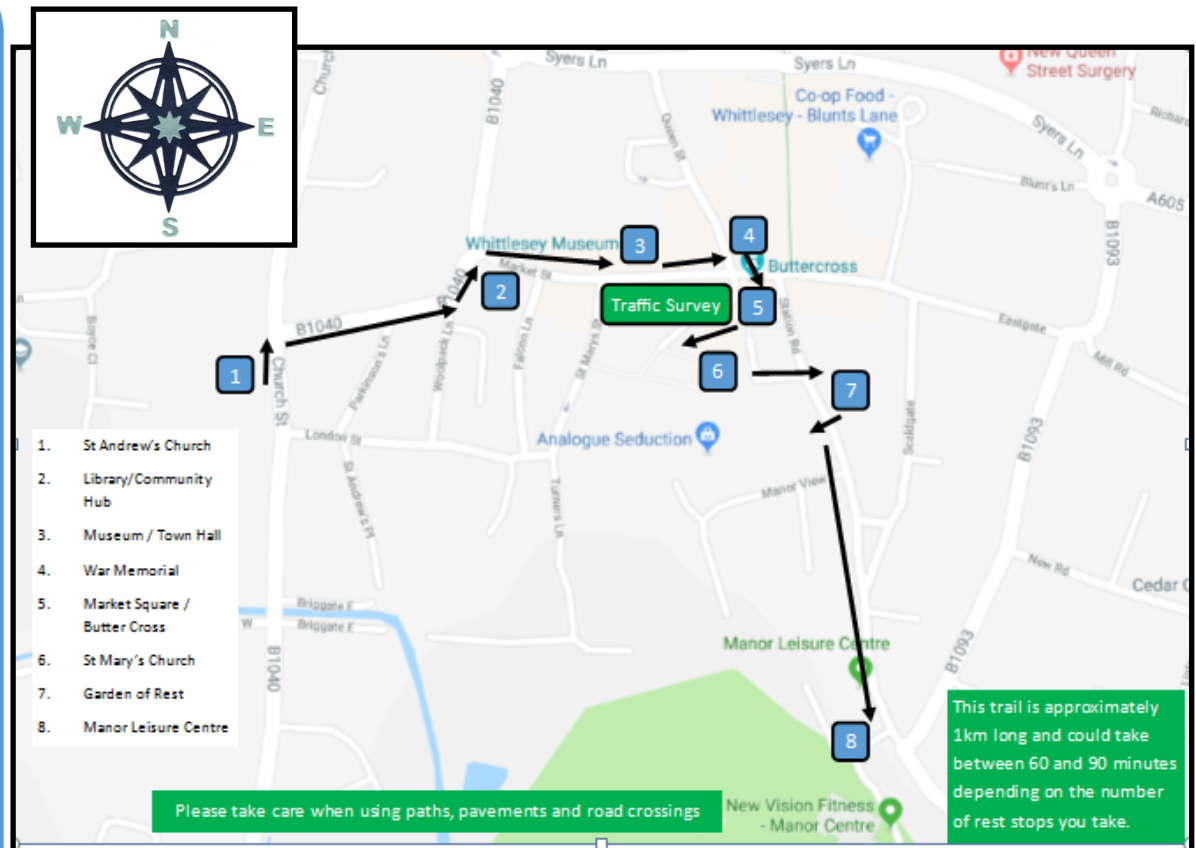
4. War Memorial— Which direction is the statue of St George facing? Estimate the perimeter of the railings and the area enclosed by them. Look at the signpost. Estimate the angle of turn from the direction of the museum to the Manor Leisure Centre.

5. Market Square / Buttercross— Look at the floor underneath the Butter Cross. Estimate the ratio of black tiles to white tiles. Estimate how many benches would be needed for the whole class to sit. Conduct a traffic survey. Decide which information to collect and how to record this so that you can present and analyse your data later.

6. St Mary's Church— Record shape and angle similarities and differences between this and St Andrew's Church. Which is greater—the time taken from St Andrews's to the Museum or the time taken from the Museum to St Mary's?

7. Garden of Rest— Use your stride length to estimate the perimeter of the rose beds surrounding the Straw Bear statue.

8. Manor Leisure Centre— How many days, months and years since the Manor Playing Field was opened by Alderman Anthony? How many of the black railed panels surrounding the Activity Area would be needed to surround the Multi Use Games Area? This might make a good location for a snack and drink break before returning to school.



Extra challenge: On your trail you will find or pass several plaques. Each plaque records a year in which a historic event happened. Record each year that you see and then write them in chronological order from oldest to most recent event.