March Maths Trail

Name(s): _____

Date: _____

1. St Peter's Church—Find the clock with Roman Numerals and record the time in analogue and 24 hour form. What would be a good way to estimate the number of panes of glass used in the windows?

2. Museum— 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.
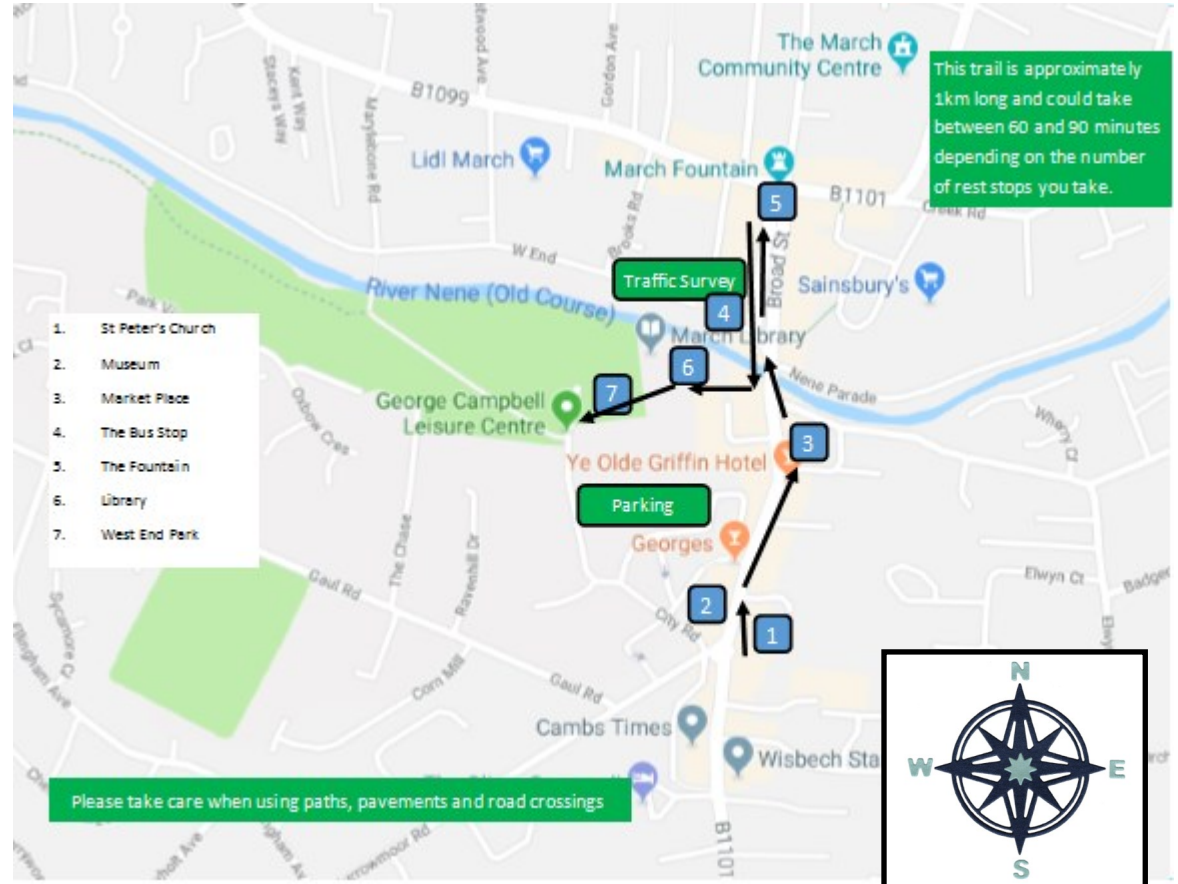
3. Market Place— Record the time on the Bell Tower clock face. How much time has passed since you were at St Peter's church? Use the signpost to decide how many degrees you must turn from the direction of the library to the direction of the museum.

4. Bus Shelter— Find a timetable for a bus route. Calculate how much time passes between the first and last bus leaving on Sunday. Conduct a traffic survey. Decide which information to collect and how to record this so that you can present and analyse your data later.

5. Fountain— What shape is the base of the fountain? How do you know? How long ago was the fountain erected? Record your answer in years, months and days.

6. Library—Is the library open for longer on Tuesday or Saturday?

7. West End Park— How many children can sit together on a bench? How many benches would be needed for the whole class? Estimate how far apart the bandstand and the beacon is using your stride length?

This trail is approximately 1km long and could take between 60 and 90 minutes depending on the number of rest stops you take.

1. St Peter's Church
2. Museum
3. Market Place
4. The Bus Stop
5. The Fountain
6. Library
7. West End Park

Please take care when using paths, pavements and road crossings

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.

Cambridgeshire Maths Team

Cambridgeshire County Council

Outdoor Education Adviser Service