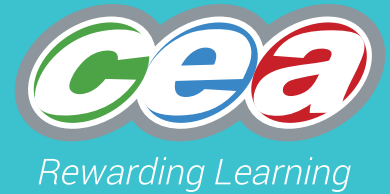


GCSE



CCEA GCSE STUDENT GUIDANCE
**Motor Vehicle and
Road User Studies**

Unit 2: The Investigative Study



Overview

The Investigative Study gives you the opportunity to research and write a report on a moving traffic situation. This moving traffic situation will be close to your school. You will have the opportunity to work in groups to collect data. You must write up your investigation on your own.

Area of Study

There are four titles for 2019 and 2020. You must choose one of these. Your teacher will help you with your choice.

- 1 Pedestrian and driver behaviour at zebra or light-controlled crossings;
- 2 Adherence to existing speed limits;
- 3 Seat belt wearing by drivers and front-seat passenger; and
- 4 Traffic congestion and associated problems at the entrance to schools.

Marks awarded

The table below indicates the four sections of the investigative study and the marks awarded for each section.

Task	Marks allocated
Aim <ul style="list-style-type: none">• Specify the aim• Provide a background context• What do you intend to find out?	10
Methods of enquiry <ul style="list-style-type: none">• Specify methods of enquiry• Outline the procedures used to carry out the investigation	6
Communicate findings in <ul style="list-style-type: none">• Graphical, numerical, visual and written forms	14
Interpret findings <ul style="list-style-type: none">• Interpret and analyse findings• Draw conclusions in line with the stated aim• Make recommendations for improvement	20

The Aim

- What do you want to investigate?
- Why is this important and relevant to road safety?
- How is this relevant to your local area?
- Where will you carry this investigation out?
- What do you think will be the outcomes?

You may include:

- Annotated maps of the area.
- Photographs of the local area.
- Contact the local traffic PSNI and the Department of Infrastructure to obtain information on local collision records.

The Methods of Enquiry

- What methods are you using to collect the data?
- What equipment did you use?
- Are you working in a group?
- What is your role?

You may include:

- Annotated photos of data collection.

Communicate Findings

- What methods are you using to report your findings?

You may include:

- Tables of data and/or tally charts.
- A variety of graphs – bar graphs, line graphs, pie charts.
- Written account of findings.

Interpret Findings

- What do your table of results and graphs show?
- What do these results tell you about your study?
- How can your findings help to improve road safety in your local area?
- Show how your recommendations for road safety improvement relate to Education, Engineering and Enforcement.
- Make sure that you show a link between your aim and these recommendations.