

Situation

As a nation we require more and more houses and yet there is less land available for these within cities. Developers are always on the lookout for land that is suitable for building upon. When they find a site, care is needed in deciding whether or not it is suitable.

Task

Imagine you have been asked by Gloucester City Council's Planning Department to produce a report of two parts. The first part needs to identify at least three possible areas that would be suitable to build around sixty houses and apartments (for which you will need one hectare¹ if you are building apartments, and small two and three bedded houses with little open space). The second part of your report needs to show which site you consider to be the best and why you think that this is.

As this is a formal report, it would be most suitable as a word processed document.

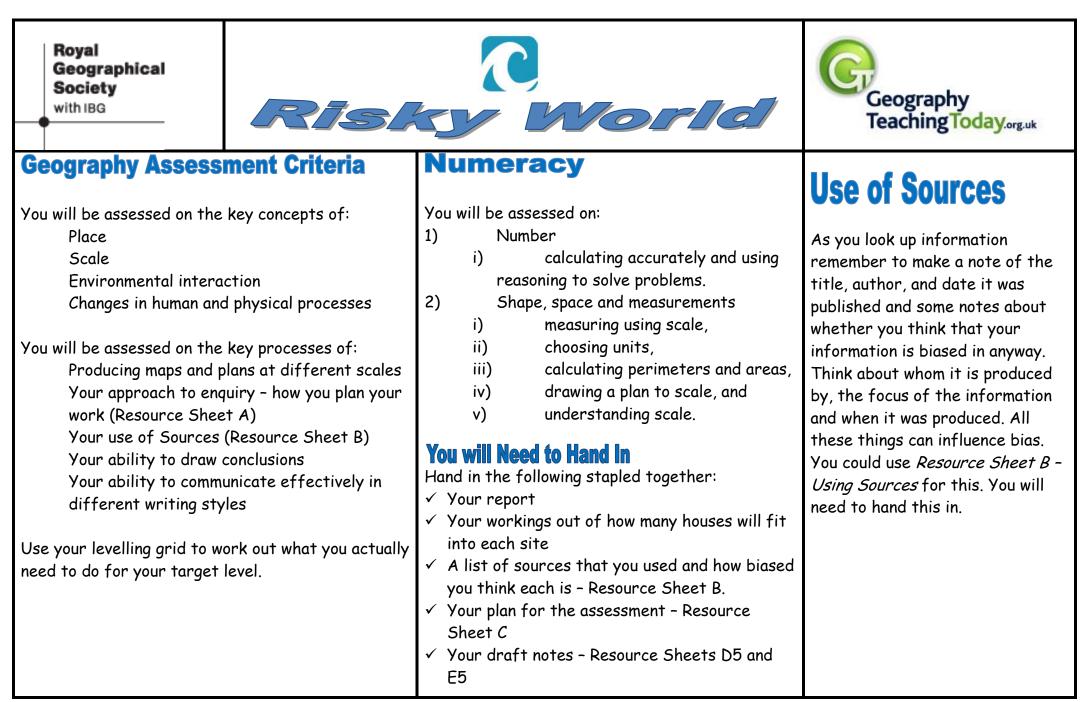
ResourcesYou will Need:

Levelling Grid Resource Sheet B - Use of Sources Resource Sheet C5 - Planning My Report Resource Sheet D5 - Advantages and Disadvantages of Each Site Resource Sheet E5 - Assessment of Flooding of Each Site Resource Sheet H - Map of Gloucester Resource Sheet G- Flooding in Gloucester July 2007 Calculator

Time Allowed

You will have **three** lessons and **two** homeworks for this assessment. You will need to use your classwork time to gather your information, interpret maps, and to draw your sketch maps. Your homework time will need to be used to write up your report. Hand in Date:

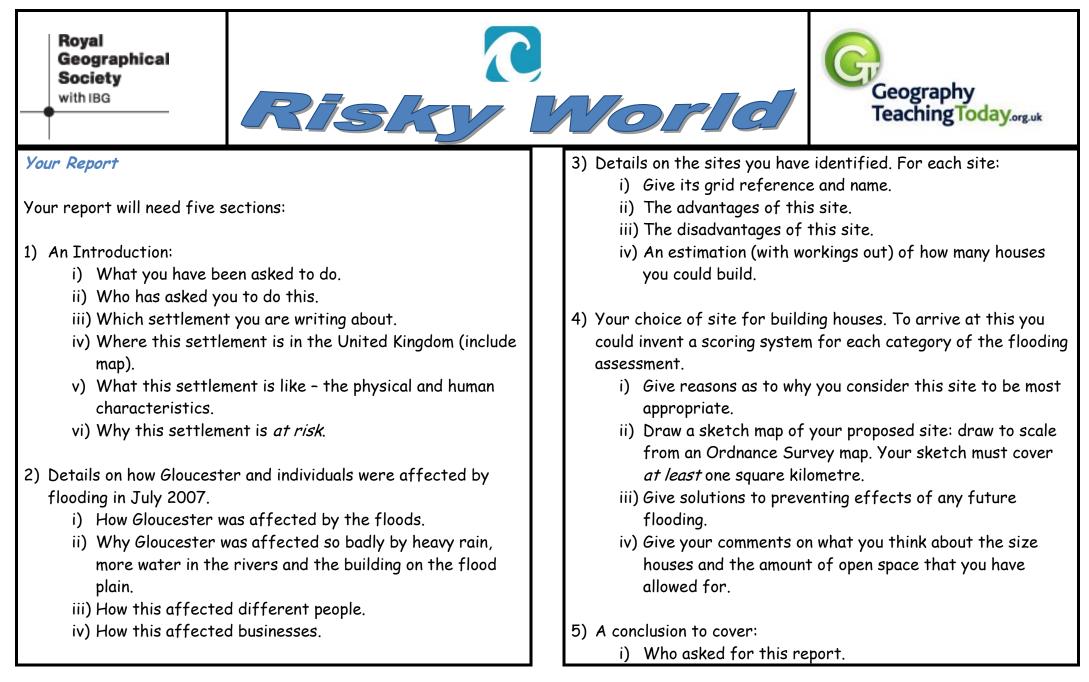
¹ One hectare is 10 000 square metres.

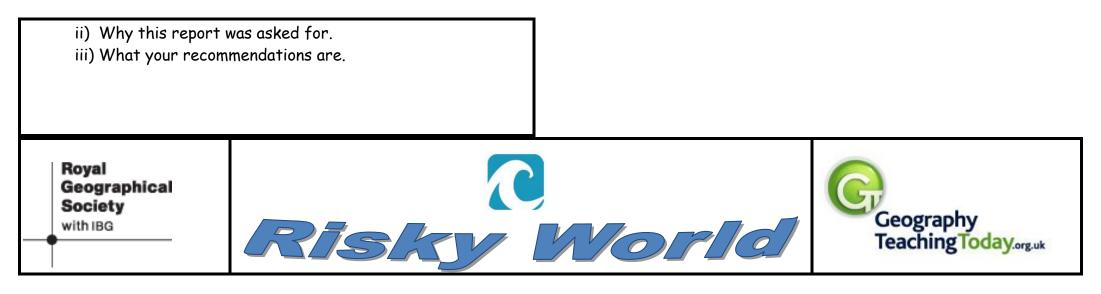




You will need to:

- 1. Read support materials about Gloucester in July 2007 and work out the causes of the natural disaster, how it affected individuals and businesses and what solutions were used to cope with the natural disaster.
- 2. Locate Gloucester within the United Kingdom.
- 3. Identify three possible sites for residential within Gloucester.
- 4. Give the four figure grid references of these sites.
- 5. Complete Resource Sheet D5 Advantages and Disadvantages of Sites.
- 6. Complete Resource E5 Assessment for Flooding of Each Site.
- 7. Decide on the best site for building upon.
- 8. Produce a sketch map of your proposed site, drawn to scale from an Ordnance Survey map. Your sketch must cover *at least* one square kilometre.





Useful Vocabulary

long term impact

short-term impact

transport routes

open land

river

silt

trees

walls

tributary

water supply

precipitation

river bank

Absorption

contamination

Barriers

damage devastation

developers

discharge

flood plain

around water

impermeable insurance

flow

impact

levee

clay

Writing Styles

You will need to use analytical writing so that your report is well reasoned. The structure of your writing needs to be logical and clear with each section having a clear title, or sub-title, and being clearly set out. Be careful with the tenses that you use as you will need to switch between past, present and future. Remember that your writing is analytical throughout so you have to give lots of reasons, advantages and disadvantages. Back up the points you make with facts.

The structure of your report could be:

1) An Introduction:

- i) What you have been asked to do.
- ii) Who has asked you to do this.
- iii) Which settlement you are writing about.
- iv) Where this settlement is in the United Kingdom (include map).
- v) What this settlement is like the physical and human characteristics.
- vi) Why this settlement is at risk.

2) Details on how Gloucester and individuals were affected by flooding in July 2007.

- i) How Gloucester was affected by the floods.
- ii) Why Gloucester was affected so badly by heavy rain, more water in the rivers and the building on the flood plain.
- iii) How this affected different people.
- iv) How this affected businesses.



- 3) Details on the sites you have identified. For each site:
 - i) Give its grid reference and name.
 - ii) The advantages of this site.
 - iii) The disadvantages of this site.
 - iv) An estimation (with workings out) of how many houses you could build.
- 4) Your choice of site for building houses. To arrive at this you could invent a scoring system for each category of the flooding assessment.
 - i) Give reasons as to why you consider this site to be most appropriate.
 - ii) Draw a sketch map of your proposed site: draw to scale from an Ordnance Survey map. Your sketch must cover *at least* one square kilometre.
 - iii) Give solutions to preventing effects of any future flooding.
 - iv) Give your comments on what you think about the size houses and the amount of open space that you have allowed for.
- 5) A conclusion to cover:
 - i) Who asked for this report.
 - ii) Why this report was asked for.
 - iii) What your recommendations are.

Remember to use a lot of geographical vocabulary for nouns and verbs. Make your writing flow well by using connectives for: cause and effect, time, and logic (see vocabulary lists).

Useful Connectives

Connectives for Cause and Effect

as a result of the effect of was this in turn caused

Connectives for Time

first later meanwhile next

Connectives for Logic

as a result of for example this shows