## Formative Activity Science Year 7

## Criterion D: Reflecting on the impacts of science

To achieve level 7 – 8, the student is able to:

i. **describe** the ways in which science is applied and used to address a specific problem or issue

ii. **discuss and evaluate** the implications of using science and its application to solve a specific problem or issue, interacting with a factor

iii. **consistently apply** scientific language to communicate understanding **clearly and precisely**

iv. document sources.

**How can science help cities under threat from flooding due to global warming?**

Complete the following sections in your own words and full sentences:

1. **State** which city are you investigating and what continent is it on.
2. **Describe** the city as it is today:
3. **State** what the main economic activities are:
4. **Describe** how people spend their free time in the city:
5. **Describe** the problem of global warming:
6. **Outline** how global warming might increase water levels around the Earth:
7. **Describe** how rising water levels might affect your city:
8. **State** a possible scientific solution to the problem:
9. **Describe** how it might work:
10. **Discuss** why is this scientific solution a good choice for this particular city.
11. **Discuss** if there any problems or disadvantages that might be caused by using this particular scientific solution.
12. **State** some examples of the references you are using in APA style: