

Year 8

Name:

Teacher:

Title: Where should the new multi-million-pound dam be built?

**Task 1: Read through the information on the three different places where a dam could be built**

**Task 2: Fill in the table to show the positives and negatives of building on a dam for the three locations**

	<u>Paraguay River – Paraguay</u>	<u>Thames River – UK</u>	<u>Colorado River – USA</u>
<b>Positives</b>	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>
<b>Negatives</b>	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>

**Task 2: Decide which is the best location and fully explain why this is your recommendation**

I think the best location to build a dam would be \_\_\_\_\_ I think this because...

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This would benefit the people because

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However a problem could be

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Nevertheless, I still think this is the best place to build the dam because

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**Task 3: Finally, explain why you have rejected each of the other locations**

I have rejected the other choices because...

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## Paraguay River – Paraguay



### Location:

- The Paraguay River is a major river in south-central South America, running through Brazil, Bolivia, Paraguay and Argentina.
- Lots of farm land and agriculture.
- Lots of wide flat areas.

### Population:

- Relatively low population in areas along the river

### General information:

- Important for transportation in the area (connects Argentina, Bolivia, Brazil, Paraguay)
- Water levels are low from March to October currently which limits transit
- Water from river exits into Atlantic Ocean
- The Paraguay is subject for much of its length to seasonal flooding, which has considerable effect on the flow of the lower Paraná.
- Marine ecosystems and wildlife to consider.
- Good soil quality.

## Thames River – UK



### Location:

- The Thames flows through Central London and provides a stunning backdrop to many of the city's top tourist attractions.
- No farm land in this area
- Wide flat areas are densely populated with buildings and people

### Population

- Very highly populated so a dam would help control flooding for lots of people
- Large population of tourists use the river regularly for leisure purposes.

### General information:

- Today the Thames is one of the cleanest rivers in Europe.
- Bridges feature along a lot of the river
- Poor soil quality for use of construction and farming

## Colorado River – USA



### Location:

- The Colorado River runs through the steep sided Grand Canyon in the United States. The Colorado River established its course through the area about 5 to 6 million years ago.
- No farm land in this immediate area
- High steep sided valley – not many flat/wide areas.

### Population:

- Medium population- mainly Native American tribes.
- Lots of wildlife

### General information:

- Tourism is a big to this area due to its beautiful scenery.
- Nowhere to dispose of excess water safely
- For thousands of years, the area has been continuously lived in by Native Americans, who built settlements within the canyon and its many caves.
- Rocky landscapes– not high quality soil/ground