**Can you Catch the Water? – Catching Water Worksheet**

Answer the following questions as you experiment with your catchment model:

1. ***Prediction:*** What will happen if it rains on your catchment basin model? Where will the water go? Will it go faster in some places? Why?

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1. From where does the water that flows to your water collection site come?

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1. What things on your landscape determine what will be part of your basin?

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1. What things in your model determine the watershed?

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1. How does the water flow? What things in your model determine the direction of water flow?

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1. What happens if a dam is put into a stream that flows into your catchment basin?

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1. What happens if a forest is placed above your catchment basin?

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1. What happens if an industry that causes pollution moves into your basin? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What might happen if someone uses the water from your stream that flows into your catchment basin for irrigating his or her crops or to take away to another city? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_