Urban Ecology: Introduction to Stormwater Research Project

Name: _____   **Date:** _____

Follow along with the speaker to fill out the questions below:

(1) Stormwater is a term used to describe water from _____ events.

(2) The urban water cycle includes _____, which are NOT included in the natural water cycle.

(3) Water that flows over (permeable / impermeable) surfaces runs-off into local water bodies.

(4) Name THREE pollutants that may be in stormwater run-off:
    (1) _____
    (2) _____
    (3) _____

(5) New York City has (combined / separate) sewer systems.

(6) Combined sewer systems mix _____ with stormwater runoff.

(7) Combined Sewage from AUP flows into _____ .

(8) Name TWO ways we can help to control wet weather pollution:
    (1) _____
    (2) _____

Stormwater Demonstration Report:

(1) Hypothesis: Which method do you think is the best way to control wet weather pollution (circle one): *a. we cannot control it b. using green roofs only c. using a combination of all BMPs d. using rain barrels and street sweeping only*
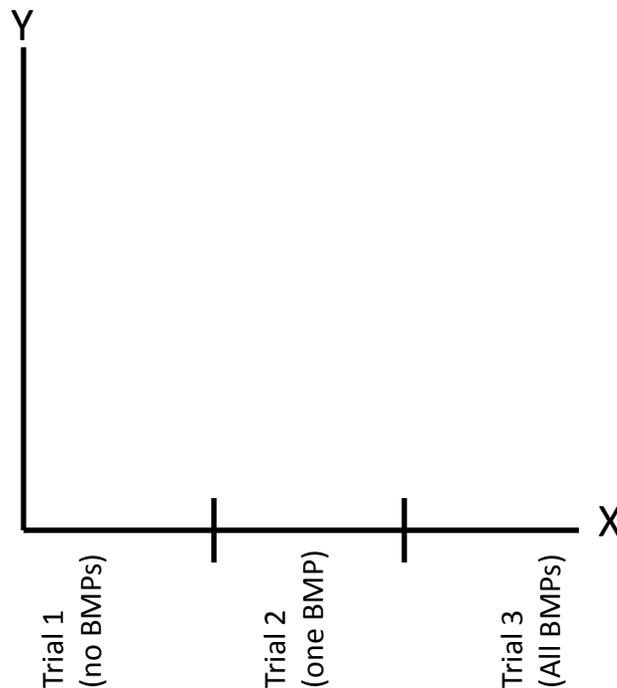
(2) Methods: Stormwater Demonstration Game

(3) Results Table: Total Number of Water Pollution (sticky notes)

Trial 1 (no BMPs)	Trial 2 (1 BMP)	Trail 3 (All BMPs)

(4) Results Graph:
Use your results above to create a BAR GRAPH showing your results. Remember to include a SCALE on your graph.

Y

| | Trial 1 (no BMPs) | | Trial 2 (one BMP) | | Trial 3 (All BMPs) | X |

(5) Conclusions: Based on your results, what do you think is the best way to manage wet weather pollution? _____

_____

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