**Green Roofs: Is it the answer?**

*5.10 Impacts of Urbanization – Progressive FRQ*

Vocabulary to be aware of:

Impervious: not allowing fluid to pass through

Impermeable: not allowing fluid to pass through

Urbanization: becoming more like a city

Please answer the following questions based on the video!

1. Identify FIVE benefits that the Javits Convention Center Green Roof has brought to the city and its employees.
2. List THREE examples of impervious or impermeable surfaces found in a city.
3. Impermeable surfaces create lots of problems for cities. Fill in the following table.

|  |  |  |
| --- | --- | --- |
| Issue | Question | Mitigation |
| Storm Water Runoff | Describe one issue that cities face with storm water runoff. | Explain how green roofs would mitigate storm water runoff. |
| Heat Island Effect | Describe what the Heat Island Effect. | Explain how green roofs would mitigates the Heat Island Effect. |
| Habitat Loss | Describe how urbanization leads to habitat loss. | Explain how green roofs would mitigate habitat loss due to urbanization. |

1. What metaphor is used for the roof tops of New York?



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