

# COMMUNITY WATERS SCIENCE UNIT

4<sup>TH</sup> GRADE

The background of the slide features a light gray gradient with numerous realistic water droplets of various sizes scattered across the surface. In the upper center, there is a faint, circular logo that appears to be a stylized globe or a similar emblem.

# **FLOODING IN OUR COMMUNITY**

[Community Waters Science Unit: Lesson 1](#)

# FLOODING IN OUR COMMUNITY

Focus Question: Why does flooding happen in our community?

Learning Target: I can draw on a model to share what I know about storm water.



In this lesson:

Students will make and share observations about the effects of stormwater in an urban setting. Students will access prior knowledge to begin building an understanding of what is causing the stormwater runoff problem.



**What have you noticed  
when it rains a lot  
around here?**



# PHENOMENON VIDEO



Instructions after video

*Turn and Talk:*

What are your  
observations?

Have you or your  
family

experienced  
something like this?

# EXPLANATORY MODEL

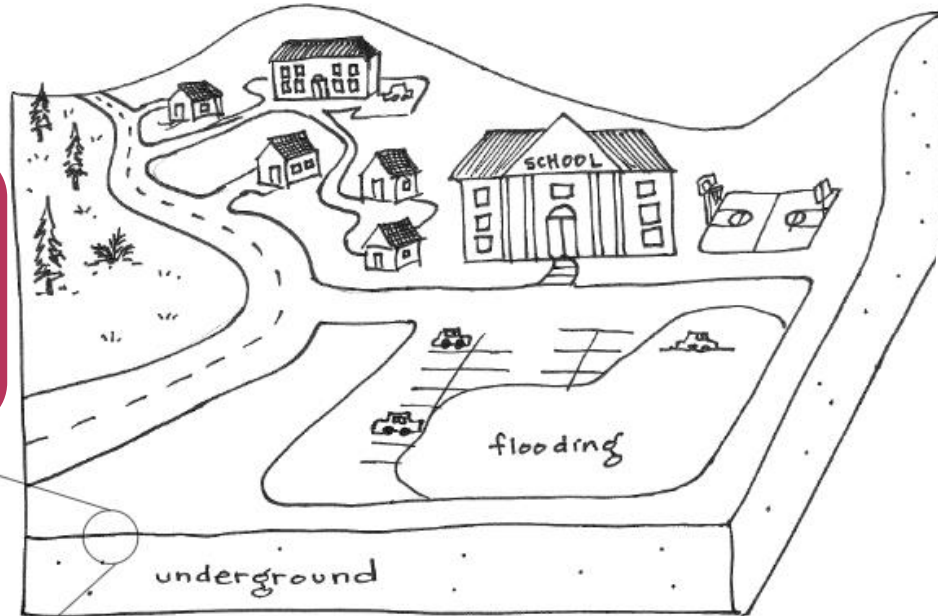
**What happens to stormwater in the city?**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Explain with arrows, drawings, and words where the water goes when it rains and why it goes there.

Be sure to put your name and today's date on the paper because we will be comparing this model to one you create later in the unit.

The “zoom in” can be used to show more detail.



Use pictures, arrows, labels, and words to show your understanding.

Write your explanation of why the parking lot is flooded here.

The parking lot is flooded because \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Zoom-in