

Wondrous Watersheds

Trash on the street travels through a watershed when it rains.

List the order of images A - E for the journey of a piece of trash.

We will be talking and thinking about watersheds on our trip to the LA River.

We will be talking and thinking about watersheds on our trip to the LA River.

Click on the links below to READ (not skim for answers) and learn about watersheds.

Answer all questions using complete sentences!

Task #1: Go to discoverwater.org/explore-watersheds/

Read the paragraph on the left.

1. What is a watershed?

Click Watershed Activity underneath the dog on the right. Put your mouse over the vocabulary to learn the parts of the watershed. Write the meaning of each word below.

2. Watersheds consist of:Headwaters:
_____Main Stream:
_____Tributaries:

_____Secondary Tributaries:

_____Watershed Boundary:

Click the "Human Factors" button on the top left.

Pick 3 ways that people can hurt a watershed.**Describe the impact in your own words.**A.

_____B.

_____C.

Task #2: Watch the video clip once all the way through: vimeo.com/14030972

Answer the questions below and re-watch the video, pausing and rewinding if you need to.

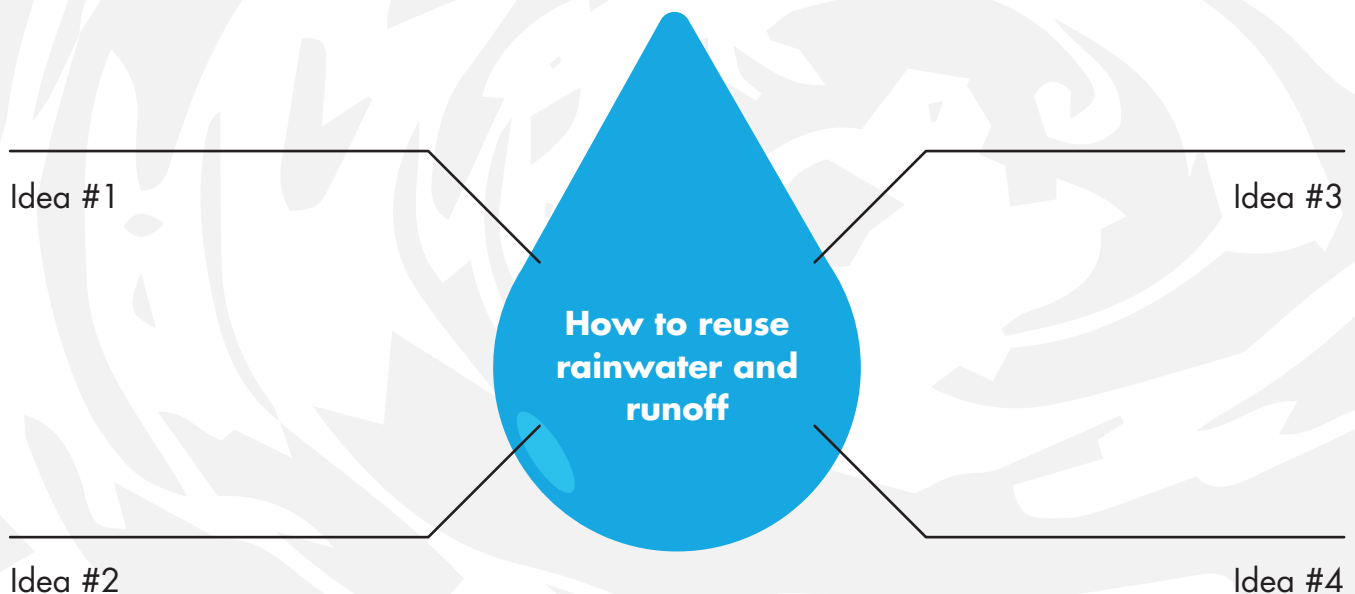
4. Most rainwater does not soak into the ground in an urban (city) watershed. Why not? Hint: Think about places where water can soak into the ground.

5. Help! We live in a city that experiences drought!

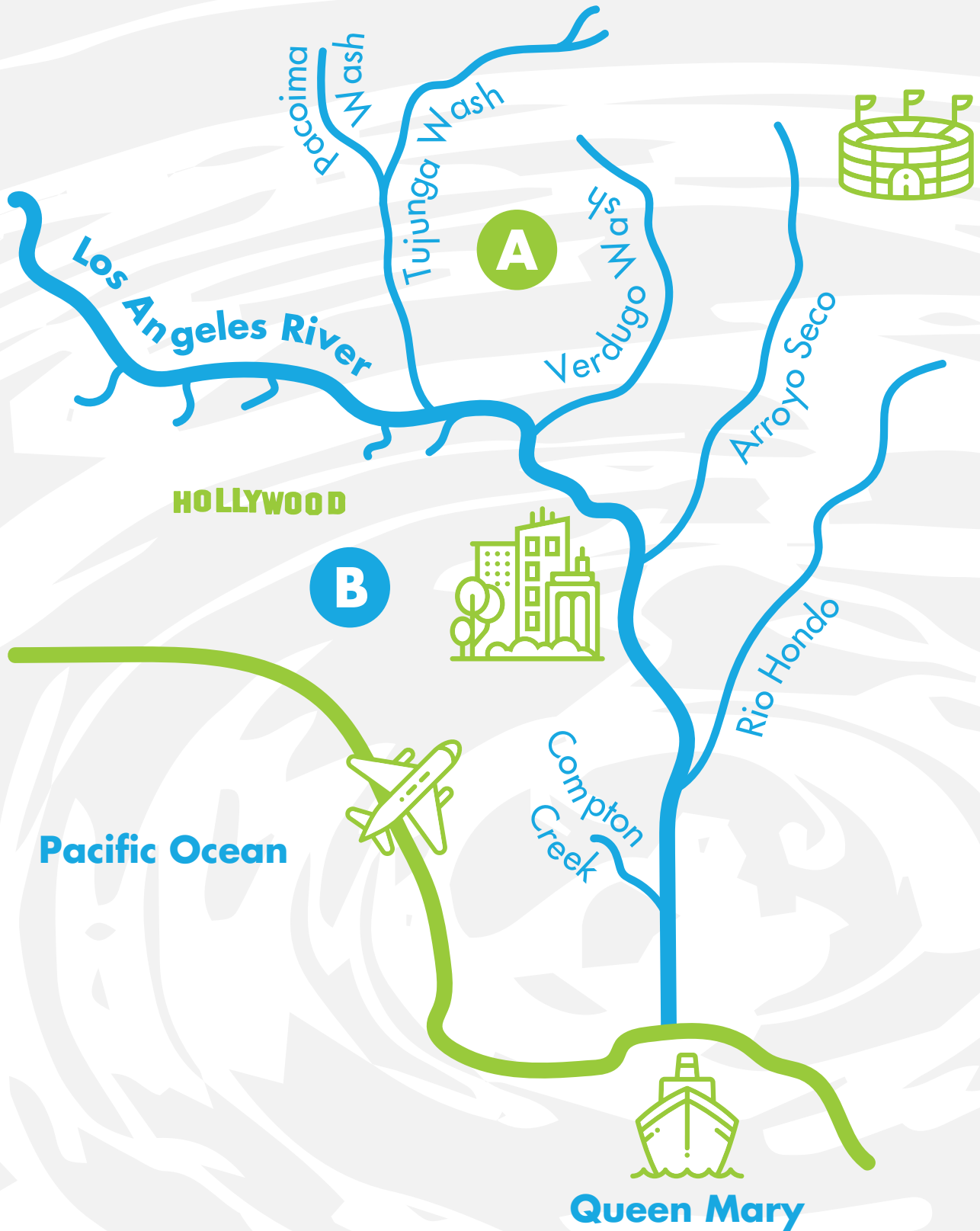
In 2016, 100 billion gallons of rainwater were flushed to the ocean without being filtered or used by the city. During a storm, rainwater and polluted runoff from streets go through storm drains, to the LA River, and then to the ocean. We use very little rainwater for drinking or irrigation. Water goes from...

Streets > Storm Drains > LA River > Ocean

Brainstorm how LA can reuse rainwater and runoff to help with the drought.



Task #3: Use the link and the map below to help you answer questions 6, 7, 8, 9, 10 and 11. goo.gl/2LMz3p



6. Label the Rose Bowl Stadium, Los Angeles Airport (LAX), Downtown LA, and Long Beach.

7. Place dots at the end of each tributary and connect them to find the boundaries of the LA River watershed on the map below.

We live near two bodies of water. Find: Pacific Ocean & LA River

8. If someone pours paint in the street at Location A, which body of water will it flow to? Color the path _____

9. If someone pours paint in the street at Location B, which body of water will it flow to? Color the path _____

10. If someone dumps trash on the street next to the Rose Bowl stadium, which parts of the watershed will it travel through when it rains?

Color the path a different color

A. _____

B. _____

C. _____

11. Imagine you are a molecule of water that has just fallen in the Pacoima Wash. Trace your journey to Long Beach with a different colored pencil or crayon. This link may help you. ladpw.org/wmd/watershed/la/