



## TEACHER RESOURCES

### HOW TO USE THIS ACTIVITY PAGE AND WORKSHEET

H<sub>2</sub>OC has developed these materials to closely align with California's Next Generation Science Standards (NGSS) in supporting students and teachers eager to learn about protecting our Orange County waterways. The Activity Page found at [www.h2oc.org/protector](http://www.h2oc.org/protector) and the accompanying worksheet are meant to compliment and reinforce the educational content presented in the Stormwater Protector Video.

For Grade 3 Teachers:

The first activity, “Watershed Activity Booklet” is found on the [www.h2oc.org/protector](http://www.h2oc.org/protector) page, geared toward this grade level and is a fun and engaging resource.

For Grade 4 Teachers:

The first and second activities linked on the [h2oc.org/protector](http://h2oc.org/protector) page, “Watershed Activity Booklet” and “Find Your Storm Drain” are age appropriate for this grade level. If you feel your students are ready for the “Where Does Your Runoff Go?” activity and worksheet, please include it in your curriculum, and print the attached worksheet for them to complete.

For Grade 5 Teachers:

All three activities provided on the [h2oc.org/protector](http://h2oc.org/protector) page are age appropriate. Please print the attached worksheet for the “Where Does Your Runoff Go?” activity.

Thank you for all that you do for our OC Students, and for including the H<sub>2</sub>OC Video and Activity Page in your lesson. We appreciate you!



## WHERE DOES YOUR RUNOFF GO? WORKSHEET

Follow the instructions below to find out where your stormwater goes!

- 1) Enter your address in the text box at the top left corner of the screen.
- 2) In the top right of the screen, hit the arrow to display the legend
- 3) Zoom out to see the path stormwater from your neighborhood takes to our waterways and answer the following questions below:
  - a. What is the number assigned to your neighborhood's Regional Subbasin?  
How many acres is the Regional Subbasin you live in?

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- b. What watershed do you live in?

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- c. What waterbody does your stormwater drain to?

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- d. Does stormwater from your neighborhood travel through open or closed conveyance channels? They may even travel through both!

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- e. Name at least one of the conveyance channels stormwater from your neighborhood travels through before draining to our waterways and indicate if it is an open or closed conveyance channel. If stormwater travels through more than one channel, name those too!

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- f. On their way to our waterbodies, Regional Channels in the Stormwater Network converge, combining water and the pollutants it carries to our waterways. Looking at how your stormwater travels through the Stormwater Network, are there any other regional channels that converge downstream? If so, name them!

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- 4) Now that you've got the hang of the map feature, enter in the name of your school and answer the questions below to compare where stormwater from your school and neighborhood goes:

- a. Do you live in the same watershed as your school?

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- b. Does stormwater from your school drain to the same waterbody?

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- c. Which Regional Subbasin has a longer path to our waterbodies?

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