

## Stormwater Stewardship Curriculum Online Resources

Activity #	Page #	Resource	Link
1.4	1-2,1-16	Watch Smart Waterways video	<a href="https://www.youtube.com/watch?v=VnIAcGM4AkE&amp;feature=youtu.be">https://www.youtube.com/watch?v=VnIAcGM4AkE&amp;feature=youtu.be</a>
1	1-2	Read pages 1-3 of the Vermont Guide to Stormwater Management for Homeowners and Small Businesses.	<a href="https://www.uvm.edu/seagrant/publications/vermont-guide-stormwater-management-homeowners-and-small-businesses">https://www.uvm.edu/seagrant/publications/vermont-guide-stormwater-management-homeowners-and-small-businesses</a>
1.3	1-2	Obtain or print topographic maps for student use.	<a href="https://www.usgs.gov/core-science-systems/ngp/tnm-delivery/">https://www.usgs.gov/core-science-systems/ngp/tnm-delivery/</a>
1.2	1-7	University of Wisconsin-Madison, Wisconsin Department of Natural Resources. (2013.) Exploring Streams: Stream Monitoring Curriculum Guide	<a href="https://wateractionvolunteers.org/get-involved/in-the-classroom/">https://wateractionvolunteers.org/get-involved/in-the-classroom/</a>
1.2	1-7	Stroud Water Research Center. (n.d.) Model My Watershed.	<a href="https://wikiwatershed.org/model/">https://wikiwatershed.org/model/</a>
1.4	1-19	Original document: US EPA. (2015.) Stop Pointless Pollution and Streams in the City: it's a Hard (Surface) Life	<a href="https://www.epa.gov/nps/articles-and-activities-middle-school-students-learn-about-nonpoint-source-pollution">. https://www.epa.gov/nps/articles-and-activities-middle-school-students-learn-about-nonpoint-source-pollution.</a>
1.4	1-21	Original document: US EPA. (2015.) Stop Pointless Pollution: How Everyday Chores Can Harm Your Streams and Lakes	<a href="https://www.epa.gov/nps/articles-and-activities-middle-school-students-learn-about-nonpoint-source-pollution">https://www.epa.gov/nps/articles-and-activities-middle-school-students-learn-about-nonpoint-source-pollution</a>
1.5	1-22	Ellis, C.D., Kweon, B.-S., Myers, D.N., Morrow, J., Robinson, L., Bartas, S., Muhammad, D.,	<a href="https://cbtrust.org/wp-content/uploads/EPA-SW-Lesson-Plan-Book.pdf">https://cbtrust.org/wp-content/uploads/EPA-SW-Lesson-Plan-Book.pdf</a>

		Stone, C., White, M. (n.d.) Stormwater Management Lesson Plans for Grades 3-12. Environmental Protection Agency & University of Maryland Department of Plant Science and Landscape Architecture.	
2.1	2-3,	Getting to Know Green Stormwater Infrastructure and reading the Vermont Guide to Stormwater Management for Homeowners and Small Businesses	<a href="https://www.uvm.edu/seagrant/publications/vermont-guide-stormwater-management-homeowners-and-small-businesses">https://www.uvm.edu/seagrant/publications/vermont-guide-stormwater-management-homeowners-and-small-businesses</a>
2.3	2-3,	visit the Lake Champlain Sea Grant website	<a href="https://www.uvm.edu/seagrant/GI-bike-map">https://www.uvm.edu/seagrant/GI-bike-map</a>
2.5	2-3,	Familiarize yourself with the Vermont ANR Atlas	<a href="https://anr.vermont.gov/maps/nr-atlas">https://anr.vermont.gov/maps/nr-atlas</a>
	2-4,	12,000 Rain Gardens. (2018). Green Solutions to Stormwater Runoff	<a href="https://www.12000raingardens.org/tag/green-infrastructure/">https://www.12000raingardens.org/tag/green-infrastructure/</a>
	2-4,	Anonymous. n.d. Calibration steps for ECTestr11 and CTSTestr50.	N/A
	2-4,	US EPA. (2011). <i>Permeable Parking Lot Rain Garden</i>	<a href="https://www.youtube.com/watch?v=CbUuUgwobTc">https://www.youtube.com/watch?v=CbUuUgwobTc</a>
2.1	2-4,	US EPA. (2016). <i>Green Streets: The Road to Clean Water</i>	<a href="https://www.youtube.com/watch?v=TxqxEqnHIKw&amp;feature=youtu.be">https://www.youtube.com/watch?v=TxqxEqnHIKw&amp;feature=youtu.be</a>
	2-4,	US EPA. (n.d.). <i>Soak Up the Rain: The</i>	<a href="https://www.epa.gov/soakuptherain/soak-rain-benefits-green-infrastructure">https://www.epa.gov/soakuptherain/soak-rain-benefits-green-infrastructure</a>

		<i>Benefits of Green Infrastructure</i> [	
2.1	2-4	US EPA. (n.d.). <i>What is Green Infrastructure?</i>	<a href="https://www.epa.gov/green-infrastructure/what-green-infrastructure">https://www.epa.gov/green-infrastructure/what-green-infrastructure</a>
2.1	2-4, 2-5	Vermont Agency of Natural Resources. (2018). <i>Vermont Guide to Stormwater Management for Homeowners and Small Businesses</i>	<a href="https://www.uvm.edu/seagrant/publications/vermont-guide-stormwater-management-homeowners-and-small-businesse">https://www.uvm.edu/seagrant/publications/vermont-guide-stormwater-management-homeowners-and-small-businesse</a>
2.2	2-14	Pennsylvania State Extension. (n.d.). Rain to Drain, Slow the Flow. Pennsylvania 4H	<a href="https://extension.psu.edu/programs/4-h/leaders/resources/publications/4h0076/view">https://extension.psu.edu/programs/4-h/leaders/resources/publications/4h0076/view</a>
2.3	2-31	Lake Champlain Sea Grant. (n.d.). Green Stormwater Infrastructure Tours	<a href="https://www.uvm.edu/seagrant/gi-bike-map">https://www.uvm.edu/seagrant/gi-bike-map</a>
2.5	2-36	Introduce the Extreme Precipitation in New York and New England: Interactive Web Tool for Extreme Precipitation Analysis website	<a href="http://precip.eas.cornell.edu/">http://precip.eas.cornell.edu/</a>
2.5	2-36, 2-39	Go to the Extreme Precipitation in New York and New England: Interactive Web Tool for Extreme Precipitation Analysis website	<a href="http://precip.eas.cornell.edu/">http://precip.eas.cornell.edu/</a>
2.5	2-37	City of Tucson. (2014). <i>Stormwater Management Education and Outreach</i> .	<a href="https://www.tucsonaz.gov/tdot/stormwater-management-education-and-outreach">https://www.tucsonaz.gov/tdot/stormwater-management-education-and-outreach</a>
2.5	2-37	National Centers for Environmental Information NOAA.	<a href="https://www.ncdc.noaa.gov/cdo-web/">https://www.ncdc.noaa.gov/cdo-web/</a>

		(n.d.). Climate Data Online (CDO).	
2.5	2-37	Natural Resource Conservation Survey. (2013, December 6). Web Soil Survey.	<a href="http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm">http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm</a>
2.5	2-37	New York State Department of Environmental Conservation. (n.d.). Natural Resources and Environmental Protection Maps	<a href="http://www.dec.ny.gov/pubs/103459.html">http://www.dec.ny.gov/pubs/103459.html</a>
2.5	2-37	Northeast Regional Climate Center. (n.d.). Extreme Precipitation in New York & New England: An Interactive Web Tool for Extreme Precipitation Analysis.	<a href="http://precip.eas.cornell.edu/">http://precip.eas.cornell.edu/</a>
2.5	2-37	US EPA. (2014, May 20). Green Infrastructure Modeling Toolkit.	<a href="https://www.epa.gov/water-research/green-infrastructure-modeling-toolkit">https://www.epa.gov/water-research/green-infrastructure-modeling-toolkit</a>
2.5	2-37	US EPA, ORD. (n.d.). National Stormwater Calculator	<a href="https://www.epa.gov/water-research/national-stormwater-calculator">https://www.epa.gov/water-research/national-stormwater-calculator</a>
2.5	2-39	(Optional) Compare the calculated area to the area determined using the Vermont ANR Atlas	<a href="https://anrmaps.vermont.gov/websites/anra5/">https://anrmaps.vermont.gov/websites/anra5/</a>
2.5	2-39	Look up the amount of rainfall in your town for a 2-year, 24-hour storm on the Extreme Precipitation in New York and New	<a href="http://precip.eas.cornell.edu/">http://precip.eas.cornell.edu/</a>

		England: Interactive Web Tool for Extreme Precipitation Analysis website	
3.1	3-4	City of Burlington, Vermont. (n.d.). Adopt-A-Drain.	<a href="https://www.burlingtonvt.gov/DPW/ADOPT-A-DRAIN">https://www.burlingtonvt.gov/DPW/ADOPT-A-DRAIN</a>
3.1	3-4	Lake George Association. (n.d.). <i>Lake George Adopt- A-Storm Drain.</i>	<a href="https://www.lakegeorgeassociation.org/adopt-a-drain/">https://www.lakegeorgeassociation.org/adopt-a-drain/</a>
3.2, 3.12	3-9, 3-25	Ellis, C.D., Kweon, B.-S., Myers, D.N., Morrow, J., Robinson, L., Bartas, S., Muhammad, D., Stone, C., White, M. (n.d.). <i>Stormwater Management Lesson Plans for Grades 3- 12.</i> Environmenta l Protection Agency & University of Maryland Department of Plant Science and Landscape Architecture.	<a href="https://cbtrust.org/wp-content/uploads/EPA-SW-Lesson-Plan-Book.pdf">https://cbtrust.org/wp-content/uploads/EPA-SW-Lesson-Plan-Book.pdf</a>
3.2	3-9	University of Wisconsin Extension and Wisconsin Department of Natural Resources. (2013). Storm Drain Stenciling.	<a href="https://wateractionvolunteers.org/files/2020/01/WisStreamCurriculum-StormDrainStenciling.pdf">https://wateractionvolunteers.org/files/2020/01/WisStreamCurriculum-StormDrainStenciling.pdf</a>

3.8	3-19	Jack's Composters and Rain Barrels (n.d.). Jack's Composters and Rain Barrels	<a href="https://www.jackscomposters.com/default.html">https://www.jackscomposters.com/default.html</a>
3.8	3-19	University of Nebraska Lincoln Extension: Water. (n.d.). Build Your Own Rain Barrel	<a href="https://water.unl.edu/documents/Build%20Your%20Own%20Rain%20Barrel%20opt.pdf">https://water.unl.edu/documents/Build%20Your%20Own%20Rain%20Barrel%20opt.pdf</a>
3.8	3-19	Winooski Natural Resources Conservation District. (n.d.). Winooski Natural Resources Conservation District.	<a href="http://winooskinrcd.org">http://winooskinrcd.org</a>
3.9	3-20	EPA Office of Water. (2013). <i>The Importance of Operation and Maintenance for the Long-Term Success of Green Infrastructure</i> (p. 53).	<a href="https://wrc.arizona.edu/sites/wrc.arizona.edu/files/EPA_Importance%20of%20Operation%20and%20Maintenance%20for%20the%20Long-Term%20Success%20of%20Green%20Infrastructure.pdf">https://wrc.arizona.edu/sites/wrc.arizona.edu/files/EPA_Importance%20of%20Operation%20and%20Maintenance%20for%20the%20Long-Term%20Success%20of%20Green%20Infrastructure.pdf</a>
3.10	3-22	American Rivers. (n.d.). <i>Staying Green: Strategies to improve operations and maintenance of Green Infrastructure in the Chesapeake Bay Watershed.</i>	<a href="http://americanrivers.org/wp-content/uploads/2016/05/staying-green-strategies-improve-operations-and-maintenance.pdf">http://americanrivers.org/wp-content/uploads/2016/05/staying-green-strategies-improve-operations-and-maintenance.pdf</a>
3.10, 3.12	3-22, 3-25	New York State Department of Environmental Conservation. (2015). New York State Stormwater	<a href="https://www.dec.ny.gov/docs/water_pdf/swdm2015entire.pdf">https://www.dec.ny.gov/docs/water_pdf/swdm2015entire.pdf</a>

		Management Design Manual.	
3.10, 3.12	3-22, 3-25	New York State Department of Environmental Conservation. (2017). Maintenance Guidance: Stormwater Management Practices	<a href="https://www.dec.ny.gov/docs/water_pdf/smpmaintguidance.pdf">https://www.dec.ny.gov/docs/water_pdf/smpmaintguidance.pdf</a>
3.10, 3.12	3-22, 3-25	New York State Department of Environmental Conservation. (n.d.). Green Infrastructure Examples for Stormwater Management in the Hudson Valley.	<a href="https://www.dec.ny.gov/lands/58930.html">https://www.dec.ny.gov/lands/58930.html</a>
3.10	3-22	Seattle Public Utilities. (2009). Green Stormwater Operations and Maintenance Manual.	<a href="http://www.seattle.gov/util/cs/groups/public/@spu/@usm/documents/webcontent/spu02_020023.pdf">http://www.seattle.gov/util/cs/groups/public/@spu/@usm/documents/webcontent/spu02_020023.pdf</a>
3.10, 3.12	3-22, 3-25	UNEP. (2014). Green Infrastructure Guide for Water Management. United Nations Environmental Protection.	<a href="http://www.unepdhi.org/-/media/microsite_unepdhi/publications/documents/unep/web-unep-dhigroup-green-infrastructure-guide-en-20140814.pdf">http://www.unepdhi.org/-/media/microsite_unepdhi/publications/documents/unep/web-unep-dhigroup-green-infrastructure-guide-en-20140814.pdf</a>
3.10	3-22	US EPA. (2015, September 2). <i>What is Green Infrastructure?</i>	<a href="https://www.epa.gov/green-infrastructure/what-green-infrastructure">https://www.epa.gov/green-infrastructure/what-green-infrastructure</a>
3.10	3-22	US EPA. (n.d.). Operation and Maintenance Considerations for Green Infrastructure	<a href="https://www.epa.gov/G3/operation-and-maintenance-considerations-green-infrastructure">https://www.epa.gov/G3/operation-and-maintenance-considerations-green-infrastructure</a>

3.10	3-22	US EPA, OW. (n.d.). <i>Infiltration Trench.</i>	<a href="http://water.epa.gov/polwaste/npdes/swbmp/Infiltration-Trench.cfm">http://water.epa.gov/polwaste/npdes/swbmp/Infiltration-Trench.cfm</a> (search for infiltration trench)
3.10, 3.12	3-22, 3-25	Vermont Department of Environmental Conservation. (2010). Vermont Low Impact Development Guide for Residential and Small Sites.	<a href="https://anrweb.vt.gov/PubDocs/DEC/WSMD/stormwater/docs/sw_LID%20Guide.pdf">https://anrweb.vt.gov/PubDocs/DEC/WSMD/stormwater/docs/sw_LID%20Guide.pdf</a>
3.10, 3.12	3-22, 3-25	Vermont Department of Environmental Conservation. (2015). <i>Green Stormwater Infrastructure Fact Sheet.</i>	<a href="https://anrweb.vt.gov/PubDocs/DEC/WSMD/stormwater/docs/sw_gi_2.0_GSI_series.pdf">https://anrweb.vt.gov/PubDocs/DEC/WSMD/stormwater/docs/sw_gi_2.0_GSI_series.pdf</a>
3.10, 3.12	3-22, 3-25	Winooski Natural Resources Conservation District, University of Vermont Extension, and Lake Champlain Sea Grant. (2008). <i>The Vermont Rain Garden Manual: Gardening to Absorb the Storm.</i>	<a href="https://www.uvm.edu/seagrant/sites/default/files/files/publication/VTRainGardenManual_Full.pdf">https://www.uvm.edu/seagrant/sites/default/files/files/publication/VTRainGardenManual_Full.pdf</a>
3.12	3-25	Cornell University Cooperative Extension Onondaga County. (n.d.). Rain Garden Plant List	<a href="https://www.scribd.com/document/73588815/New-York-Rain-Garden-Plant-List-Cornell-University">https://www.scribd.com/document/73588815/New-York-Rain-Garden-Plant-List-Cornell-University</a>
3.12	3-25	Full Circle Gardens. (n.d.). Full Circle Gardens.	<a href="https://fullcirclegardens.com/">https://fullcirclegardens.com/</a>
3.12	3-25	Interstate Commission on the Potomac River Basin. (n.d.).	<a href="https://www.potomacriver.org/resources/get-involved/water/rain-garden/">https://www.potomacriver.org/resources/get-involved/water/rain-garden/</a>



		<i>Creating a Rain Garden</i> . Interstate Commission on the Potomac River Basin.	
4.2	4-6	University of Nebraska Lincoln Extension. (n.d.). Stormwater Education for Kids.	<a href="https://water.unl.edu/article/stormwater-management/stormwater-education-kids">https://water.unl.edu/article/stormwater-management/stormwater-education-kids</a>