

Water Cycle Bracelets



2nd-6th Grade

Water Discovery Field Trip Program

Objective

To identify the states of water as it moves through the water cycle and to describe the movement of water within the water cycle.

Overview

Students will simulate the journey of water molecules moving through the water cycle and will collect colored beads to represent their journey. At the end of the activity, students will discuss the water's specific journey, including molecule transfer. Students will be able to keep their bracelets as a reminder of the various journeys water molecules take.

Length of Time

20-30 minutes

Next Generation Science Standards* Connections

2nd Grade	2-ESS2 Earth's Systems 2-LS2 Ecosystems: Interactions, Energy, and Dynamics
3rd Grade	3-ESS2 Earth's Systems
4th Grade	4-ESS1 Earth's Place in the Universe 4-ESS3 Earth and Human Activity
5th Grade	5-PS1 Matter and Its Interactions 5-PS2 Motion and Stability: Forces and the Interactions 5-LS2 Ecosystems: Interactions, Energy, and Dynamics 5-ESS2 Earth's Systems
Middle School	MS-ESS2 Earth's Systems MS-ESS2 Earth and Human Activity



Common Core State Standards Connections

2nd Grade	<i>ELA/Literacy</i> W.2.6, W.2.7, W.2.8, SL.2.5, RI.2.3, RI.2.9 <i>Mathematics</i> MP.2, MP.4, MP.5, 2.MD.D.10, 2.NBT.A.3, 2.MD.B.5
3rd Grade	<i>ELA/Literacy</i> RI.3.1, RI.3.9, W.3.8 <i>Mathematics</i> MP.2, MP.4, MP.5, 3.MD.A.2, 3.MD.B.3
4th Grade	<i>ELA/Literacy</i> RI.4.1, RI.4.9, W.4.7, W.4.8, W.4.9 <i>Mathematics</i> MP.2, MP.4, 4.MD.A.1, 4.OA.A.1
5th Grade	<i>ELA/Literacy</i> RI.5.7, RI.5.9, W.5.1, W.5.7, W.5.8, W.5.9, SL.5.5 <i>Mathematics</i> MP.2, MP.4, MP.5, 5.NBT.A.1, 5.NF.B.7, 5.MD.A.1, 5.MD.C.3, 5.MD.C.4, 5.G.A.2
Middle School	<i>ELA/Literacy</i> RST.6-8.1, RST.6-8.7, RST.6-8.9, WHST.6-8.2, WHST.6-8.8, SL.8.5 <i>Mathematics</i> MP.2, 6.NS.C.5, 6.EE.B.6, 7.EE.B.4

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