

# Hamburger Water Model

## Kindergarten-5<sup>th</sup> Grade

## Water Discovery Field Trip Program

### Objective

To educate on water consumption through the process of agriculture, and the impact of water importance for daily food consumption.

### Overview

Students will observe a three-dimensional model of a cheeseburger and learn how much water is used to make each part. Students will establish a connection to how much water goes into the production of our food supply. Students will make a key-ring of the cheeseburger model with construction paper as a reminder of how many gallons of water it takes to make a single cheeseburger.

### Length of Time

20-30 minutes

### Next Generation Science Standards\* Connections

<b>Kindergarten</b>	K-PS3 Energy K-LS1 From Molecules to Organisms: Structures and Processes K-ESS3 Earth and Human Activity
<b>1<sup>st</sup> Grade</b>	1-LS1 From Molecules to Organisms: Structures and Processes
<b>2<sup>nd</sup> Grade</b>	2-LS2 Ecosystems: Interactions, Energy, and Dynamics
<b>3<sup>rd</sup> Grade</b>	3-LS1 From Molecules to Organisms: Structures and Processes 3-LS2 Ecosystems: Interactions, Energy, and Dynamics
<b>4<sup>th</sup> Grade</b>	4-LS1 From Molecules to Organisms: Structures and Processes
<b>5<sup>th</sup> Grade</b>	5-PS3 Energy 5-LS1 From Molecules to Organisms: Structures and Processes 5-LS2 Ecosystems: Interactions, Energy, and Dynamics 5-ESS3 Earth and Human Activity



### Common Core State Standards Connections

<b>Kindergarten</b>	<i>ELA/Literacy</i> RI.K.1, W.K.2, SL.K.3, SL.K.5, W.K.7 <i>Mathematics</i> MP.2, MP.4, K.CC, K.MD.A.2
<b>1<sup>st</sup> Grade</b>	<i>ELA/Literacy</i> RI.1.1, RI.1.2, RI.1.10, W.1.7 <i>Mathematics</i> 1.NBT.B.3, 1.NBT.C.4, 1.NBT.C.5, 1.NBT.C.6
<b>2<sup>nd</sup> Grade</b>	<i>ELA/Literacy</i> W.2.7, W.2.8, SL.2.5 <i>Mathematics</i> MP.2, MP.4, MP.5, 2.MD.D.10
<b>3<sup>rd</sup> Grade</b>	<i>ELA/Literacy</i> RI.3.7, SL.3.5, RI.3.1, RI.3.3, W.3.1 <i>Mathematics</i> MP.4, 3.NBT, 3.NF, MP.4, 3.NBT
<b>4<sup>th</sup> Grade</b>	<i>ELA/Literacy</i> W.4.1, SL.4.5 <i>Mathematics</i> 4.G.A.3
<b>5<sup>th</sup> Grade</b>	<i>ELA/Literacy</i> RI.5.1, RI.5.7, RI.5.9, W.5.1, W.5.8, W.5.9, SL.5.5 <i>Mathematics</i> SL.5.5, MP.2, MP.4, MP.5, 5.MD.A.1