

Program: Flood:ED

Grade 3 – Ontario Science and Technology Curriculum Connections



Activity Name	Organizing Idea	Learning Outcome
Activity: Hot Spot Investigators	A. Stem Skills and Connections	A3. Applications, Connections, and Contributions – Demonstrate an understanding of the practical applications of science and technology, and of contributions to science and technology from people with diverse lived experiences
Activity: School Greening: Investigating Simulator Solutions	A. Stem Skills and Connections	A3. Applications, Connections, and Contributions – Demonstrate an understanding of the practical applications of science and technology, and of contributions to science and technology from people with diverse lived experiences
Activity: Flood Risk Management Awareness	N/A	
Activity: Flood:ED School Greening Simulator	N/A	
Activity: Flooding Mapping Tour	N/A	
Activity: Flooding and Climate Change	N/A	
Activity: Climate Change in My Watershed Inquiry	N/A	
Activity: Extreme Weather Inquiry	N/A	
Activity: Runoff Footprint	A. Stem Skills and Connections	A1. STEM Investigation and Communication Skills – Use a scientific research process, a scientific experimentation process, and an engineering design process to conduct investigations, following appropriate health and safety procedures
Activity: Understand Flooding	A. Stem Skills and Connections	A1. STEM Investigation and Communication Skills – Use a scientific research process, a scientific experimentation process, and an engineering design process to conduct investigations, following appropriate health and safety procedures
Activity: What are Floodplains and Watersheds?	N/A	
Activity: Flood Resilience Plan for Your School	N/A	
Activity: Preparing for Flood Resilience	N/A	
Activity: Take Action: Adopt a Drain Campaign	N/A	

Activity: Take Action: Build a Rain Garden	A. Stem Skills and Connections	A1. STEM Investigation and Communication Skills – Use a scientific research process, a scientific experimentation process, and an engineering design process to conduct investigations, following appropriate health and safety procedures
	B. Life Systems: Growth and Changes in Plants	B1. Relating Science and Technology to Our Changing World – Assess ways in which plants are beneficial to society and the environment, and ways in which human activity has an impact on plants and plant habitats
		B2. Exploring and Understanding Concepts – Demonstrate an understanding of characteristics and uses of plants and of plants’ responses to the natural environment
	E. Earth and Space Systems: Soils in the Environment	E1. Relating Science and Technology to Our Changing World – Assess the importance of soils for society and the environment, and the impact of human activity on soils
		E2. Exploring and Understanding Concepts – Demonstrate an understanding of the composition of soils, of different types of soils, and of processes and practices that can affect the health of soil
Activity: Take Action: Flood Protect Your Home	A. Stem Skills and Connections	A1. STEM Investigation and Communication Skills – Use a scientific research process, a scientific experimentation process, and an engineering design process to conduct investigations, following appropriate health and safety procedures
Activity: Chasse Au Trésor	N/A	
Activity: Take Action: Home Flood Protector Scavenger Hunt	N/A	
Activity: Take Action: Install Rain Barrels	A. Stem Skills and Connections	A1. STEM Investigation and Communication Skills – Use a scientific research process, a scientific experimentation process, and an engineering design process to conduct investigations, following appropriate health and safety procedures
Activity: Take Action: Plant a Tree	B. Life Systems: Growth and Changes in Plants	B1. Relating Science and Technology to Our Changing World – Assess ways in which plants are beneficial to society and the environment, and ways in which human activity has an impact on plants and plant habitats
		B2. Exploring and Understanding Concepts – Demonstrate an understanding of characteristics and uses of plants and of plants’ responses to the natural environment
	E. Earth and Space Systems: Soils in the Environment	E2. Exploring and Understanding Concepts – Demonstrate an understanding of the composition of soils, of different types of soils, and of processes and practices that can affect the health of soil