



## Michigan Department of Education Technology-Enhanced Lesson Plan



**Lesson Title:** Middle School Hydrosphere Unit

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**Lesson Abstract:** In this unit students will master all four of the middle school hydrosphere earth science benchmarks and two technology standards. The technology standards that are covered are:  
Discuss the societal impact of technology in the future.  
Identify types of internet sites based on their domain names.

**Subject Area:** Science

**Grade Level:** 5-7

**Unit Title:** Middle School Hydrosphere

**Michigan Educational Technology Standards Connection:**

Grades 6-8

Social, Ethical, and Human Issues

5. Students will discuss the societal impact of technology in the future.

Technology Research Tools

3. Students will identify types of internet sites based on their domain names.

**Michigan Grade Level Content Expectations Connection:**

Not available at this time.

**Michigan Curriculum Framework Connection:**

Middle School Earth Science Hydrosphere

1. Use maps of the earth to locate water in its various forms and describe conditions under which they exist.
2. Describe how surface water in Michigan reaches the ocean and returns.
3. Explain how water exists below the earth's surface and how it is replenished.
4. Describe the origins of pollution in the hydrosphere.

**Estimated time required to complete lesson or unit:**

Estimated total time: 6 to 7 hours (360 – 420 minutes)

Daily Estimate: 50 minutes

Number of days: 7 to 9 class periods

Varies significantly depending on internet navigation ability of students and number of extension activities used by the teacher

**Instructional resources:**

Websites used in the lessons – please check links before doing the lessons!

<http://www.nationalatlas.gov>