

FLOODING ACROSS THE COUNTRY

Classroom Lesson Plans and Activities

Lesson Plan "Flooding"
Science Grades 6-8
Standards Included

In this lesson students will gain a better understanding of the different types of soil and their capacity for retaining rainwater. They will also learn that if the soil in an area will not hold enough water, flooding occurs. Students will conduct experiments to determine how much water their soil will absorb.

<http://school.discoveryeducation.com/lessonplans/programs/flood/>

Lesson Plan "Flash Flood"
Science Grades – Can be used by all grades
Standards Included

"Flash Flood" is an interactive lesson about flash floods and other types of floods. The lesson lets students learn about and identify different types of floods. It has information on how to prepare for a flood, teaches about flood watches and warnings, has an online quiz to review information, and an assignment where students will be looking for and recording flood watches.

<http://weathereye.kgan.com/cadet/flood/>

Lesson Plan "Can You Survive A Flood?"
Science Grades 6-8
Standards Included

Through the activities in this lesson students will become familiar with floods, what causes them, how the government has helped, and the best precautions to take in order to survive. After examining Web sites and viewing the video clips, students will design a safety plan for possible flooding.

<http://www.lpb.org/education/classroom/itv/envirotacklebox/nttfiles/etpdf/6gdFlood.pdf>

Lesson Plan "Life in the Flood Zone"
Science Grade 8

In this lesson, you'll read about several historical floods, why floods occur and how people try to monitor and predict potential flood conditions.

<http://www.cincinnati.com/nie/archive/06-12-01/>

Lesson Plan "Water Water Everywhere"
Science Grades 3-4
Standards Included

Students learn about floods, discovering that different types of floods occur from different water sources, but primarily from heavy rainfall.

http://teachengineering.org/view_lesson.php?url=http://www.teachengineering.com/collection/cub_lessons/cub_natdis/cub_natdis_lesson07.xml

Lesson Plan "Force of Floods"

Math / Social Studies Grades 5-6

Standards Included

This activity will allow students to create a model river system and manipulate variables such as rate and volume of water. Through this exercise students will develop the concepts of flood stage, levees, floodplain, and the dynamics of river flooding.

Lesson Plan "Overflowing the Banks"

Earth Science Grades 3-5

Standards Included

Students construct a model of riverbanks, create a flood, and write about their observations.

http://www.educationworld.com/a_lesson/00-2/lp2127.shtml

Lesson Plan "Floods"

Science /Math Grades 3-4

The Floods Lesson Plan provides teachers and students with an opportunity to investigate how floods occur and how to stay safe during a flood through individual or classroom activities.

http://www.ema.gov.au/www/ema/schools.nsf/Page/TeachLesson_PlansFloods