# Brief Description

***Erosion & Sediment Control*Distance Learning – Middle School Activity**

**Where Is All of Our Soil Going?**

‘Where Is All of Our Soil Going’ activity set was created by North Carolina Department of Environmental Quality Land Quality Section employees to be a supplement for the Middle School Curriculum. In this activity students will develop an *Erosion and Sedimentation Control Plan*, or *ESCP*, so the contractor knows how to prevent erosion before, during, and after construction.

# Specific Instruction

The student activity packet can be accessed as a [Microsoft Word](https://files.nc.gov/ncdeq/Energy%20Mineral%20and%20Land%20Resources/Erosion%20and%20Sediment%20Control/esc_education/where-is-all-of-our-soil-going-student-packet-print-version.docx) document or a [PDF](https://files.nc.gov/ncdeq/Energy+Mineral+and+Land+Resources/Erosion+and+Sediment+Control/esc_education/where_is_all_of_our_soil_going-student_packet.pdf) file. The Teacher packet with answers and background information can be accessed as a [Word](https://files.nc.gov/ncdeq/Energy%20Mineral%20and%20Land%20Resources/Erosion%20and%20Sediment%20Control/esc_education/where-is-all-of-our-soil-going-teacher-packet-print-version.docx) document or a [PDF](https://files.nc.gov/ncdeq/Energy+Mineral+and+Land+Resources/Erosion+and+Sediment+Control/esc_education/where_is_all_of_our_soil_going-teacher_packet.pdf) file. The activities can be completed in word, or copied into another program. To complete Part 5 & 6 students can either use the insert symbols and text boxes in Microsoft Word, or copy the images/maps into Paint or a similar program draw their answers on the images and then save/copy and paste the images with their answers back into their answer document.

# Standards Correlation

6.E.2 Understand the structure of the earth and how interactions of constructive and destructive forces have resulted in changes in the surface of the Earth over time and the effects of the lithosphere on humans.  
6.E.2.4 Conclude that the good health of humans requires: monitoring the lithosphere, maintaining soil quality and stewardship.

8.E.1 Understand the hydrosphere and the impact of humans on local systems and the effects of the hydrosphere on humans.  
8.E.1.4 Conclude that the good health of humans requires: Monitoring of the hydrosphere; Water quality standards; Methods of water treatment; Maintaining safe water quality; Stewardship.

# For More Information

More activities and information can be found at <http://deq.nc.gov/E&SCedu> and on the Packets and Activities for Students and Teachers page, including an online interactive vocabulary set.

We’d love to hear from you! Give us feedback [here](https://forms.office.com/Pages/ResponsePage.aspx?id=3IF2etC5mkSFw-zCbNftGeRWa4Q1AflMpi39Z4cQtn9UNDkyRTRLRjVGNVU3V0RMVDNPSUFSODc4Ry4u) so we can better serve you and your students.