

NATIONAL CENTER FOR EARTH-SURFACE DYNAMICS

BUILD YOUR OWN STREAM TABLE: INTERPRETING CURRENT RESEARCH THROUGH CLASSROOM ACTIVITIES

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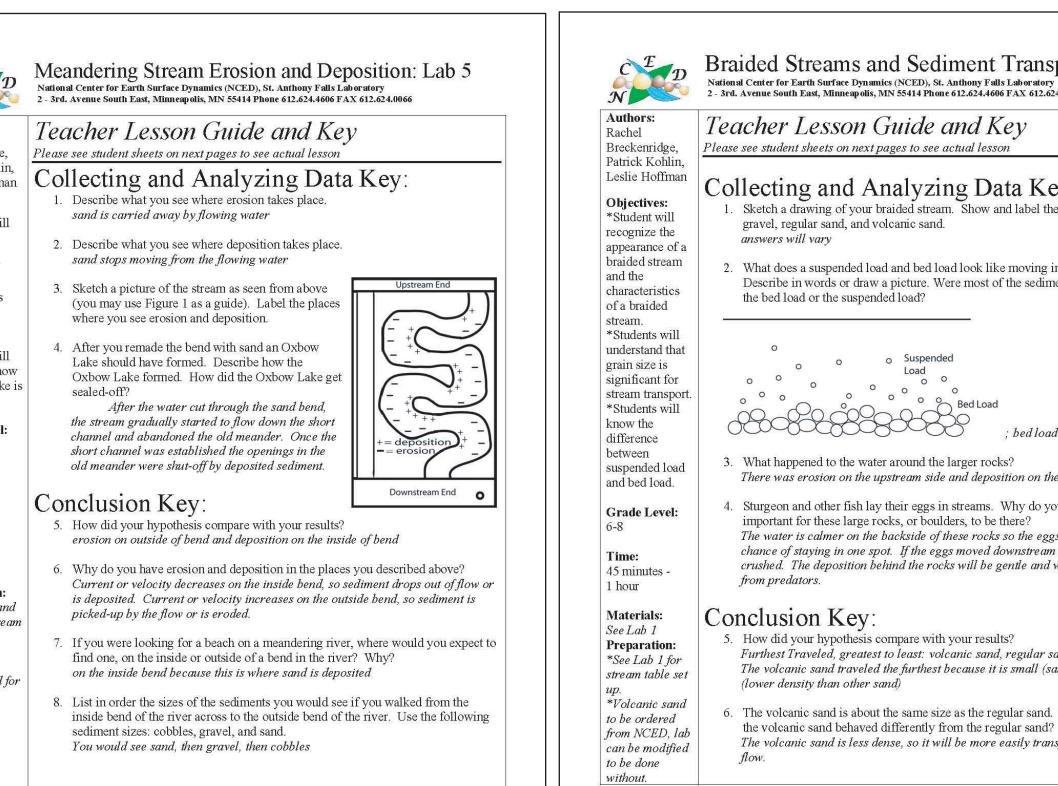












Braided Streams and Sediment Transport: Lab 2 National Center for Earth Surface Dynamics (NCED), St. Anthony Falls Laboratory 2 - 3rd. Avenue South East, Minneapolis, MN 55414 Phone 612.624.4606 FAX 612.624.0066 ollecting and Analyzing Data Key: Describe in words or draw a picture. Were most of the sediments being carried in chance of staying in one spot. If the eggs moved downstream they could get Furthest Traveled, greatest to least: volcanic sand, regular sand, gravel The volcanic sand traveled the furthest because it is small (sand sized) and light the volcanic sand behaved differently from the regular sand? The volcanic sand is less dense, so it will be more easily transported by the water

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The National Center for Earth-surface Dynamics (NCED) is an NSF-funded Science and Technology Center based at the University of Minnesota. NCED is a multidisciplinary research institution whose research is primarily focused on the physical and ecological processes shaping rivers and river networks. NCED is actively working to support in-service teachers in getting current research into the classroom relating to primary areas of research by developing the Earth-Science Teacher/Researchers Exploring Active Modeling (ESTREAM) program.

Practicing K-12 teachers and research staff at NCED develop materials that promote greater understanding of "source to sink" processes of erosion, transport and deposition for the K-12 classroom. Participants in the ESTREAM summer program are compensated and are active participants in current Earth science research. Program participants develop virtual fieldtrips, quantitative analyses, and stream table activities and more for the K -12 classrooms. A website and educator workshops provide ongoing support to educators. This session will highlight some of the activities developed by ESTREAM teachers and give you a blueprint for your own stream table.