

Student Sheet ~ Design a Schoolyard

Introduction **RUNOFF, EROSION** and **SEDIMENTATION** happen when water runs off the land, rather than sinking in. This water picks up soil, trash and other pollutants. These are carried downhill to the nearest stream or river. To stop this we have to slow water down. Then sediment and pollutants can drop out or sink into the ground.

Your Assignment Design a schoolyard that will cause as little damage to the environment as possible. Think about how water from rain and melting snow moves around your schoolyard. Can you limit runoff, erosion and sedimentation? Think about all the different ways people use your school property. How do these help or hurt the environment?

Your plan must include:

- The School Building
- Driveway
- Parking Lot
- Playground
- A Stream Along One Side of the Property

You must explain how each part of your plan would affect the environment. Think about how it would affect the stream, streets, and neighbors.

