

EarthComm Components

Scenario

Each chapter begins with a realistic event or situation that has happened or could actually take place.

Chapter Challenge

This feature challenges students to solve a problem based in their community. Students will need to use the Earth science knowledge gained from working through the chapter.

Goals

At the beginning of each activity students are provided with a list of goals that are achieved by completing the activity.

Think about It

Before students start each activity they are asked one or more questions to consider. Students will have a chance to discuss ideas in groups and as a class. Students are not expected to come up with the "right" answer.

Investigate

In EarthComm students learn by doing science. In small groups, or as a class, students will take part in scientific inquiry by doing hands-on experiments, participating in fieldwork, or searching for answers on the web.

Reflecting on the Activity and the Challenge

Each activity has been designed to help students meet the chapter challenge. This feature gives a brief summary of the activity. It will help students relate the activity to the "big picture."



Digging Deeper

This section provides text, illustrations, and photographs that will give a greater insight into the concepts explored in the activity. Words that may be new or unfamiliar to students are defined and explained. Check Your Understanding questions are included to guide students in their reading.

Understanding and Applying What You Have Learned

Questions in this feature are designed to check student understanding of the key principles and concepts introduced in the activity. Students may also be presented with new situations in which they will be asked to apply what they have learned.

Preparing for the Chapter Challenge

This feature suggests ways in which students can organize work and get ready for the Chapter Challenge. Students can begin working towards the final product as they work through the chapter.

Inquiring Further

This feature provides suggestions for deepening understanding of the concepts and skills developed in the activity. It also gives students an opportunity to relate what they have learned to the Earth system.

