

Grade 8 Science

Unit 1: Water Systems on Earth

Chapter 1



Name: _____

Section #: _____

Chapter 1: _____

How do you use water? 1. _____

2. _____

3. _____

Water Distribution

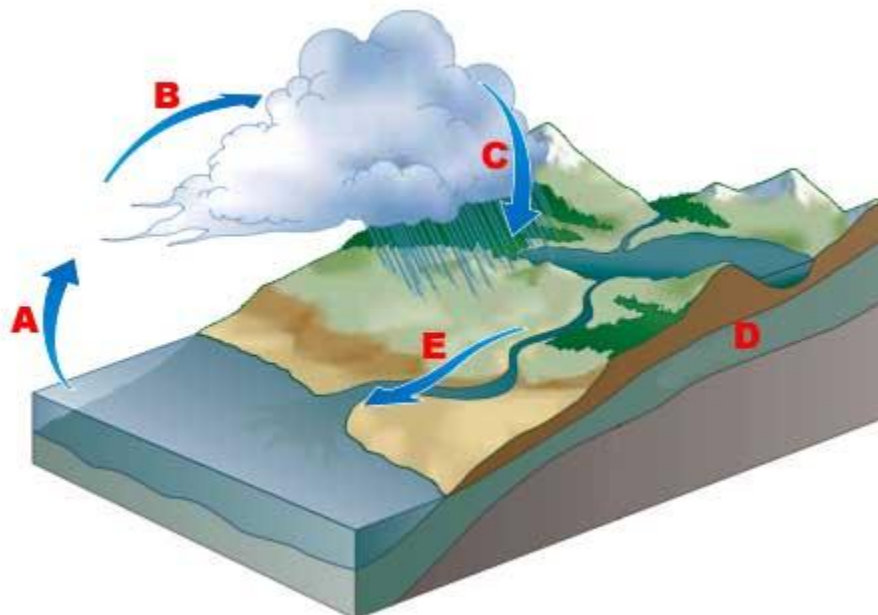
_____ % of the Earth's water is fresh

_____ of this water is frozen in ice sheets.

_____ % of the fresh water on Earth is available.

Why do we not run out of water?

Answer: _____



Water is constantly being changed from a _____ to a _____ and back again.

This is driven by the _____.

Ocean Water vs. Fresh Water

Differ in three (3) ways.

1.	2.	3.
Definition:	Definition:	Definition:

Core Lab Activities: 1-3 A & 1-3 B



Sources of Fresh Water

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

The Ice Age

The most recent began _____ years ago and ended _____ years ago.

Glaciers covered ~ _____% of the land on Earth.



Glaciers and Global Warming

In the last 100 years, the average surface temperature has increased by _____ °C.

The world's glaciers are melting at a quicker pace than ever before.

- What does this mean?
- 1. _____
 - 2. _____
 - 3. _____

Drainage Basins

- Watershed
- The area that drains into a body of water such as a _____, pond, _____ or _____.
- There may be many small within a larger basin.
- A divide _____
For example: _____

One Component can affect another. For example...

Salinity	Temperature	Convergence of the Labrador current and the Gulf Stream

