

# VIRGINIA'S RESOURCES STUDY GUIDE



## RESOURCES

### NATURAL RESOURCE

### HUMAN-MADE RESOURCE

<b>Definition</b>	A material humans use that comes from nature	A material humans use that is made by humans
<b>Examples</b>	Trees, water, soil, coal, sand, gravel, granite, air, animals, plants	plastic, concrete, steel, glass

Virginia's **water sources** are important natural resources in Virginia.

- Water resources provide us with drinking water.
- Rivers, reservoirs, and groundwater are main sources of water for Virginians.
- Bodies of water are habitats for a variety of plants and animals.
- Bodies of water allow us to swim, fish, sail, boat, and enjoy other recreational activities.
- Water resources help our economy. Virginians sell seafood such as fish, crabs, and oysters to others.

## WATER SOURCES

### DESCRIPTION

### EXAMPLE

<b>River</b>	Long, ribbon-like waterways that flow toward the ocean	Potomac River, York River, Rappahannock River, James River
<b>Lake</b>	Large, inland bodies of water	Smith Mountain Lake Lake Drummond
<b>Bay</b>	Bodies of water surrounded by land on three sides and connected to a larger body of water	Chesapeake Bay
<b>Reservoir</b>	Bodies of water that are made by humans to store water	Kerr Lake Reservoir
<b>Groundwater</b>	Water stored or carried underground	Wells, aquifers

- A **watershed** is an area over which surface water flows to a single collection place.
- **The Chesapeake Bay watershed** is the largest watershed in Virginia. Parts of Virginia are also located in the Gulf of Mexico and North Carolina Sounds watersheds.
- **"We all live downstream"** means that materials that enter a watershed upstream will eventually make their way downstream. For this reason, it is especially important that we don't pollute.



# FORESTS



**Forests** are an important resource in Virginia.

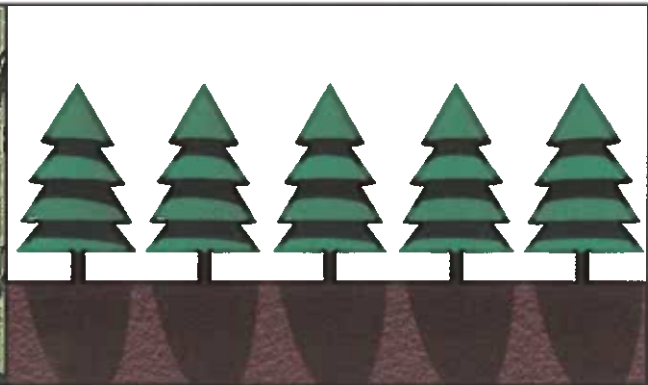
- Forests provide a home for diverse animals and plants.
- They offer a place for humans to hike, bike, hunt, and enjoy other recreational activities.
- Forests serve as a buffer to prevent erosion along riverbanks and filter pollutants before they enter rivers.
- A great economic resource—timbering (cutting and selling trees) brings in money for the state of Virginia.

## NATURAL FOREST



A forest that grows naturally, without humans planting trees

## CULTIVATED FOREST



A forest that has been planted by humans

# MINERAL RESOURCES

### COAL



- Important fossil fuel used for energy
- A hard rock made of ancient pressed plant material that burns easily

### LIMESTONE



- Crushed, it is used to build roads.
- Ground up, it is used to make cement.

### GRANITE



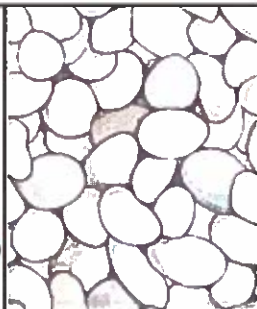
- Hard, strong, and long-lasting
- Used for buildings, floors, monuments and countertops

### SAND



- When melted at high heat, it turns into a liquid that can be used to make glass and ceramics.
- Used in construction

### GRAVEL



- An assortment of different rocks that has been broken down to very small pieces
- Used in driveway and road construction