**Guided Notes: Flood Mitigation Options**

Flood mitigation techniques are strategies used to \_\_\_\_\_\_\_ and \_\_\_\_\_\_\_ the movement of floodwaters.

**Key Concepts:**

• Floods are the number one \_\_\_\_\_\_\_ \_\_\_\_\_\_\_ in the United States.

• About \_\_\_% of flood insurance claims come from areas of low to moderate flood risk.

• Just \_\_\_ inches of water can result in over $11,000 worth of damage.

• Homeowners can protect their properties by:

 - Elevating the \_\_\_\_\_\_\_

 - Relocating furnaces, water heaters, and \_\_\_\_\_\_\_ panels

 - Installing \_\_\_\_\_\_\_ valves

 - Sealing walls in the \_\_\_\_\_\_\_

 - Using \_\_\_\_\_\_\_

• Cities can implement flood mitigation through:

 - Building \_\_\_\_\_\_\_ and \_\_\_\_\_\_\_

 - Creating \_\_\_\_\_\_\_ spaces

 - Improving \_\_\_\_\_\_\_ systems

• The federal government assists with flood mitigation through agencies like:

 - U.S. Army Corps of Engineers (USACE), which manages about \_\_\_\_\_ dams

 - Federal Emergency Management Agency (FEMA), which works on solutions like flood \_\_\_\_\_\_\_

**Real World Examples:**

1. A coastal town using seawalls to protect from ocean storm surges

2. A city creating more parks and green spaces to absorb excess rainwater runoff from paved areas

**Word Bank:**

manage

control

natural disaster

25

5

home

electric

check

basement

sandbags

levees

floodwalls

green

drainage

700

diversion