

Name: _____ Date: _____

EARTHQUAKES

Go to <http://www.nationalgeographic.com/forcesofnature/>

Choose a force: **Earthquakes**

On the upper left menu, choose number **1**.

Read "**What is an Earthquake?**".

When do earthquakes happen?

How many earthquakes occur every day? How many occur each year?

Where and what year was the deadliest quake ever? How many people were killed?

On the upper left menu, choose number **2**.

Read "**Where do Earthquakes Occur?**".

Where do most earthquakes occur?

What are the earthquakes called that are far from plate boundaries and why do they occur?

What percentage of earthquakes comes from the largest earthquake belt?

On the upper left menu, choose number **3**.

Read "**What Causes Earthquakes?**".

What is "plate tectonics"?

Click "Next"

In which state is the San Andreas Fault?

How long is the San Andreas Fault?

How deep is the fault?

How many earthquakes occur along this fault each year?

On the upper left menu, choose number **4**.

Read "**Types of Faults**".

List the four (4) types of faults:

1.

2.

3.

4.

Click on "Normal Fault"

Why do normal faults occur?

Click on "Next fault type"

How does a reverse fault occur?

Click on "Next fault type"

How does a strike-slip fault occur?

Click on "Next fault type"

Why do dip-slip faults occur?

On the upper left menu, choose number **5**.

Read "**Measurement and Recording**".

What is the "hypocenter?"

What is the point directly above the hypocenter?

On top **right** menu, click on **Map**.

Locate the 1906 San Francisco earthquake and click on it.
Fill in the following information:

Date	Magnitude	Deaths	Damage

Play the video at the bottom. Compare San Francisco before and after the earthquake.
