The Fernie Formation Worksheet

*Watch the video **"The Fernie Formation"**, then answer the questions below!*

1. **What was Fernie like during the Jurassic Period?**
   A. A desert
   B. A jungle
   C. A frozen tundra
   D. A warm, shallow sea

2. **What kinds of animals lived in the Fernie sea?**
   A. Dinosaurs
   B. Marine reptiles and ammonites
   C. Birds and mammals
   D. Woolly mammoths

3. **What built up on the ocean floor to create rock layers?**
   A. Lava
   B. Ice
   C. Mud, sand, and tiny sea creatures
   D. Tree branches and leaves

4. **What is shale?**
   A. A type of rock
   B. A type of dinosaur
   C. A type of fish
   D. A type of plant

5. **What's unusual about the mountains around Fernie?**
   A. They glow at night
   B. They are underwater
   C. Some rock layers are upside down
   D. They are made entirely of ice

6. **What caused the rocks to fold and flip?**
   A. Strong winds
   B. Tectonic plates crashing together
   C. Rainstorms
   D. Volcanoes erupting nearby

7. **What do rock layers help us understand?**
   A. The future
   B. How fast dinosaurs could run
   C. The weather
   D. Earth's history

The Fernie Formation

R H A X F O H Y D D S H A L E
H S A N D Y F A D P C U H F G
R V V M S T R O M V H E Y H E
X D C G O D V G S M V N I F O
T E C T O N I C U S O H K S L
T I W T R Y M V Y M I N E E O
O N R M U R K O Y M Y L I A G
Q K B U G O N F U E A M S T Y
A E D D E C V A O N H R H I E
N X I J A K Z U R Q T A I R H
C V S Q K S Q W X P U A L N B
I Y S A W P X U W S U P I O E
E J U G A B P A X D A D D N A
N T H Z D F O R M A T I O N L
T G V D Y X D J U T A T L W L

Formation
Tectonic
Rocks
Marine
Ammonite
Fossils
Shale
Sand
Mountain
Ancient
Geology
Sea
Mud