Student _____

CAVES

EX.1: New words: Natural, hole, limestone, chalk, acidic rain, cliff, glacier, formation, species, millipede, dark, blind, crayfish, crawl, abseil, rafting, sorpion, crab, lava.

EX.2 Read the text and match the headings to the paragraphs (1-4) There is one extra paragraph.

HOME TO STRANGE CRAETURES WHAT THEY ARE HOW THEY FORM

EXPLORE THEM AMAZING FORMATIONS

Caves

These natural holes in the Earth form over thousands or even millions of years! There are lots of different types of caves, such as ice, sea, limestone, chalk, salt, and even lava caves.

1 ☐

Different caves form in different ways. For example, limestone caves form as acidic rain dissolves rock. Sea caves form as ocean waves and heavy rain erode cliffs. Ice caves form as melting water runs under glaciers or through cracks in the ice.

2 ☐

In many limestone caves, stalactites grow slowly from the ceiling as calcite* from dripping water hardens. As water drips from them, similar formations called stalagmites grow up from the floor. When stalactites and stalagmites meet in the middle, they form columns.

3 ☐

Scientists have discovered over 7,700 'troglobites' so far. These are unique species of fish, spiders, millipedes, crabs, scorpions, and other creatures that live their whole lives in caves. They have often adapted to the dark conditions. Some are blind but have a great sense of smell. Others survive for a long time, such as the cave crayfish, which can live for 175 years!

4 ☐

Caving is an adventure sport that involves walking, crawling, climbing, abseiling, and even swimming and rafting through caves! It's popular and a lot of fun!

*** a mineral**

LIVEWORKSHEETS

3 Match the words in bold in the text with their definitions:

until now	remain alive	found
falls in small drops	becomes stiff	develop
changed	melts	eat away

form = _____

dissolves = _____

erode = _____

hardens = _____

drips = _____

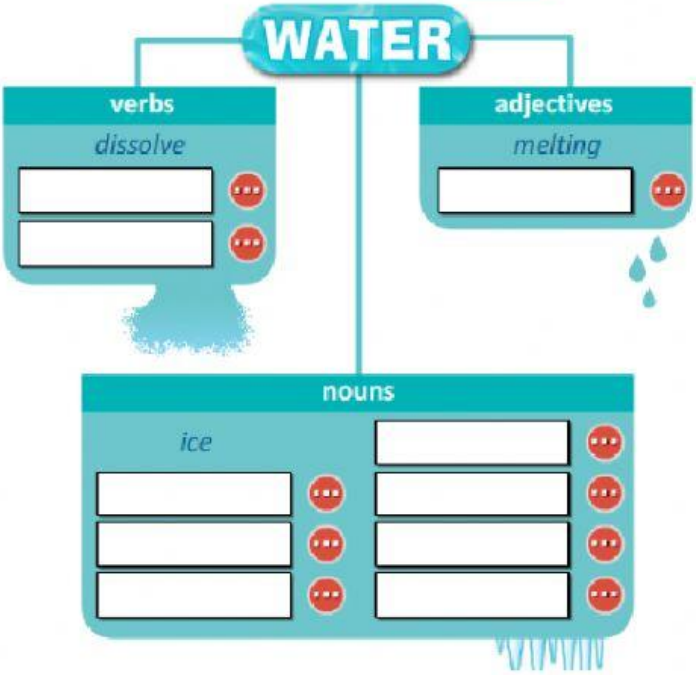
discovered = _____

so far = _____

adapted = _____

survive = _____

4 Read the text again and find all the words related to water. Write them in the word map below. Compare with your partner. CHECK



Ex.5 Imagine you are in a cave. What can you see, hear and smell? How do you feel? Write 50-60 words.

LIVEWORKSHEETS

Ex. 6 Watch the video about HORNE LAKE CAVES and choose the correct answer.

Horne Lake Caves Provincial Park

After watching the video about the Horne Lake Caves Provincial Park, answer the following questions.

1 What are Mr Valera's responsibilities at the park?
- a His job is to show people the magic of the underground world.
- b His job is to ensure public safety at the park.

2 How was limestone formed?
- a It was formed in a karst landscape.
- b It was formed on the floor of an ancient sea from coral reef and shellfish.

3 What are speleothems?
- a Crystals that grow inside the caves after the caverns have been formed.
- b Calcium being redeposited in the cave by the water.

4 How long ago was the limestone in this Park formed?
- a It was formed 250 million years ago.
- b It was formed 250 thousand years ago.

5 What other activities can cave visitors enjoy at the Park?
- a They can go to the Park centre, visit the museum and enjoy the geological displays walking the outside trails.
- b They can go hiking and enjoy educational tours.

LIVEWORKSHEETS