

AUSTIN GEM & MINERAL SOCIETY
GEM CAPERS - QUEST FOR KNOWLEDGE

GRADE LEVEL: 3

COLOR: **YELLOW**

LOOK FOR THE **YELLOW** FLAGS – THEY WILL HELP YOU WITH YOUR QUEST

NAME

DATE

QUEST 1: Visit the Dealer with the YELLOW Flag # 1

What is FULGURITE?

QUEST 2: Visit the Dealer with the YELLOW Flag # 2

Describe the fracture properties of CALCITE.

QUEST 3: Visit the Touch Table - YELLOW Flag # 3

What ROCK is found only in the Llano area of Texas?

TOPAZ

LLANITE

BASALT

QUEST 4: Visit the Illumination Station - YELLOW Flag # 4

What color do your teeth fluoresce?

GREEN

PURPLE

YELLOW

QUEST 5: Visit the Tumbled Rock Display - YELLOW Flag # 5

Name 3 common rocks used for tumbling.

QUEST 6: Visit the Faceting Demonstration - YELLOW Flag # 6

What is the top of a faceted gem called? *HINT: Not the name of the facet*

CULET

CROWN

TABLE

QUEST 7: Visit the Crystal Displays - YELLOW Flag # 7

Name 3 minerals of the TETRAGONAL form.

FINISHED!

Pre Registered? Your instructor will have your FREE mineral specimen.

On your own? Stop by the TOUCH TABLE for your FREE mineral specimen!