

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?

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

Describe the fracture properties of CALCITE.

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**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.

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**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.

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**FINISHED!**

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

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