

ACTIVITY 10: EXPLORE FOR KNOWLEDGE: VIRTUAL YUKON MINING



COMMUNITY SECTION

This section will take you on a tour around Yukon to visit communities virtually.



VISIT: YOUR YUKON COMMUNITY

1

What is the name of your community?

2

What is the name of your school?

3

Name the Yukon First Nation Traditional Territory that community resides in:

(name only one if more than one)

4

YMW CODE: Each community has a secret code word with unique spelling – what's yours?

a. YMW CODE Word:

b. What are the Periodic Elements of Your Code

(fill in as many boxes as you need and you will need a copy of periodic table)

SAMPLE: KITE



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VIDEO SECTION

The video link is hidden in the community below. You will need access to viewing YouTube.

VISIT: DAWSON CITY

BACKGROUND

A series of videos were created to share a unique part of Yukon's identity and culture, as part of our past, our daily lives and our future. Watch this video and listen carefully for the answers to these questions.

YVMW VIDEO CLUE 2: Watch It's In Our Daily Lives #ItsInOurVeins Listen Carefully to Answer the Below Questions.

HINT: The sentence is the clue to what you are trying to identify in the video.

What kind of mining is featured in this video?

PLACER MINING

HARD-ROCK MINING

When it says: "You have seen what they can build"

What is the historic structure? Fill in the Blank: _____ No. 4

When it says "You have marveled at their discoveries"

A) What did they discover while mining? _____

B) Name the field of scientific study for this type of discovery. Fill in the Blank: P _____

When it says "You have shared in their history"

What is the historic structure? Fill in the Blank: S. _____

When it says "You can see what can be created from their determination"

What has been created (Hint: what are they mining for?): _____

How long have they been exploring? _____

FINISH THIS SENTENCE:

They are i) _____, ii) _____, iii) _____ (3 words)

They are Yukon _____ (2 words)

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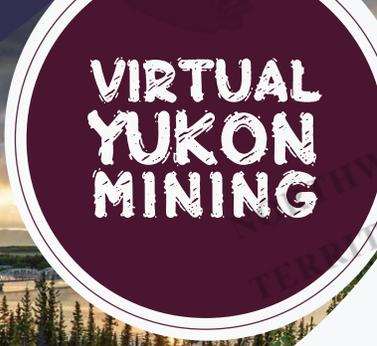


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FOR MORE #ITSINOURVEINS VIDEOS:

Visit www.kpma.ca

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DISCOVERY SECTION

Discover key information to understand Yukon's mining industry. You will have to travel to different Yukon Communities to find these answers.

VISIT: YUKON COMMUNITIES

Q6: What are the stages of Mining?

 Haines Junction

Q7: Why do we need mining?

 Teslin

Q8: What is PPE and why do we need it?

 Old Crow

Q9: What are the two types of mining?

 Faro

Q10: In hardrock (quartz) mining, you build two types of mines. What are they?

 Carcross

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EXPLORATION SECTION

Like mineral explorers, you will have to look around and use your knowledge and expertise to find what you are looking for. "Exploration Tips" are just for fun while exploring!

Chose **AT LEAST TWO** of the three Virtual Yukon Exploration Sites and Answer the Below:

VISIT METALLIC MINERALS

What is the name of the company's project?

What is the name of the Highway that leads to the project?

In the "Corporate Video," what community do they show as closest to?

In the "Corporate Video," what mine are the close to?

Over the past 100 years, how many ounces of high-grade silver have been produced?

VISIT FIREWEED ZINC

What is the name of Fireweed Zinc's Project?

What are the names of the two deposits?

What two minerals are Fireweed Zinc exploring for?

How many people are in the Core Shack & what careers would they have?

What road leads to the Fireweed Zinc exploration site?

 *Tip: Check out the Tom & Jason 3D Model*

VISIT ATAC RESOURCES

What are the three Projects that ATAC Resources is exploring?

What minerals are they exploring for?

At the Nadaleen Camp, what is on the walls of the Geology Office?

How long the ATAC Property in kilometers (KMs)?

What are the names of the two airstrips?

 *Tip: Explore the mountains to check out the views at Conrad, Sunrise and Orion!*



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WANT TO KEEP EXPLORING? CHECK OUT ACTIVITY 9!