

ACTIVITY 10: EXPLORE FOR KNOWLEDGE: VIRTUAL YUKON MINING

COMMUNITY NAME	VYMW CODE WORD	PERIODIC NUMBER AND SYMBOLS								
Beaver Creek	BRaIN	⁵ B	⁸⁸ Ra	⁵³ I	⁷ N					
Burwash landing	BeArS	⁴ Be	¹⁸ Ar	¹⁶ S						
Carcross	CoPErNiCoS	²⁷ Co	¹⁵ P	⁶⁸ Er	²⁸ Ni	²⁹ Co	¹⁶ S			
Carmacks	CoYOte	²⁷ Co	³⁹ Y	⁸ O	⁵² Te					
Dawson City	DyNAMITe	⁶⁶ Dy	⁷ N	⁹⁵ Am	⁵³ I	⁵² Te				
Faro	FrACTiON	⁸⁷ Fr	⁸⁹ Ac	²² Ti	⁸ O	⁷ N				
Haines Junction	HeLiCoPtEr	² He	³ Li	²⁷ Co	⁷⁸ Pt	⁶⁸ Er				
Mayo	MoTiON	⁴² Mo	²² Ti	⁸ O	⁷ N					
Old Crow	OsMoSiS	⁷⁶ Os	⁴² Mo	¹⁴ Si	¹⁶ S					
Pelly Crossing	PHONe	¹⁵ P	¹ H	⁸ O	¹⁰ Ne					
Ross River	ReSPoNSiBiLiTiEs	⁷⁵ Re	¹⁶ S	⁸⁴ Po	⁷ N	¹⁴ Si	⁸³ Bi	³ Li	²² Ti	⁹⁹ Es
Teslin	TeAcH	⁵² Te	⁸⁹ Ac	¹ H						
Watson Lake	WONdEr	⁷⁴ W	⁸ O	⁶⁰ Nd	⁶⁸ Er					
Whitehorse	WAtCH	⁷⁴ W	⁸⁵ At	⁶ C	⁸ H					

VIDEO SECTION

VISIT: DAWSON CITY

- Q1. Placer Mining
- Q2. Dredge No. 4
- Q3. A) Ice-Age Bones / Mammoth Bones (*Answers may vary*) B) Palaeontology
- Q4. S.S. Klondike
- Q5. Gold
- Q6. Over a century/ 100+ years
- Q7. i) Entrepreneurs ii) Families iii) Members of our Community
Placer Miners

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DISCOVERY SECTION

- Q6. Prospecting, Exploration, Development, Construction, Production, Reclamation & Closure. Many of these steps overlap and can happen simultaneously. For example, reclamation happens throughout all stages and is often referred to as “progressive reclamation”, meaning you care for the land as you explore and develop a mine.
- Q7. Mining produces the raw materials we need to construct roads and hospitals, to build automobiles and houses, to make computer and satellites, to generate electricity and even to make the clothes we wear and provide the food we eat! Mining also supports exciting and reward careers and contributes to our economy and culture.
- Q8. PPE is “Personal Protective Equipment” and it protects workers against health and safety risks on the job. Yukon is a leader in the mining industry and safety is one of the industry’s most important practices.
- Q9. Hardrock/Quartz Mining and Placer Mining
- Q10. “Open Pit Mining” - which is mining from the surface by creating a pit and “Underground Mining” - which is mining using tunnels and shafts to get deep underground.

EXPLORATION SECTION

VISIT: METALLIC MINERALS

- Q1. Keno Hill Silver Project
- Q2. Silvertrail Highway
- Q3. Keno City
- Q4. Bellekeno Mine, Alexco Resource Corp or Victoria Gold Mine (*not in video, but acceptable*).
- Q5. 200 Million ounces

VISIT: FIREWEED ZINC

- Q1. MacMillan Pass
- Q2. Tom and Jason
- Q3. Lead and Zinc
- Q4. 2 – Geologist
- Q5. Canol Road

VISIT: ATAC RESOURCES

- Q1. Osiris, Orion and Rau
- Q2. Gold, Silver, Tungsten, Zinc, Lead,
- Q3. Maps
- Q4. 185KM
- Q5. Stewart and Rau