

Logbook

Day 1: did some background research by reading books

Day 2: went down to fish creek on my bike to find some rocks. Found a rock with quartz in it (was able to produce a spark), and made some observations.

Time: about 30 min to find rock that worked

Day 3: I started experimenting with the fire plow friction fire method, I was unsuccessful and could not produce a coal.

Wood types used: spruce

Tried to make a coal for about 45 min

Day 4: Yet again I tried the fire plow method and yet again I was unsuccessful.

Wood type used: spruce (plow) and poplar

Tried for about 20 min

Day 5: Tried the fire plow method and hand drill methods. Failed to make a coal once again.

Wood types used: cedar for hand drill, cedar and birch for fire plow.

Day 6: did my spark fire starting methods and did some work with the fire plow. I started multiple fires with flint and steel (cotton balls petroleum jelly). Came to the conclusion that reeds, leaves and moss dont work with the sparks. I also experimented with Quartz and steel and 9 v batteries, however they were not as effective as the flint and steel so I did not test them. Fire plow also did not work.

Wood type used: cedar and birch (for fire plow).

Time spent that day: about 45 min.

Day 7: Did Rodiger roll method was successful.

Day 8: repeated this once again

Day 9: started experimenting with chemical fire starting methods (pool chlorine and washer fluid). Ratio: 1:1.

Day 10: experimented with potassium nitrate.

Day 11: made the different fire starters

