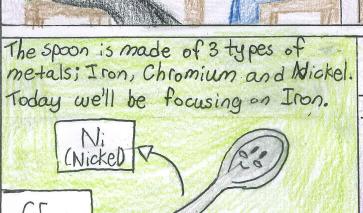
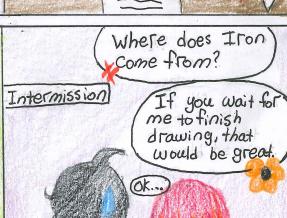
Spoon's Fill Young Are you going to listen, Spoons are made So listento up of really or what?! one of their interesting Stories. Ispent so much time materials ? to prepare! A spoon's Alright, alright? Iron Since Journey Calm down? When did you get

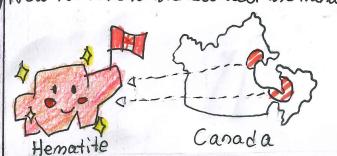
glasses?

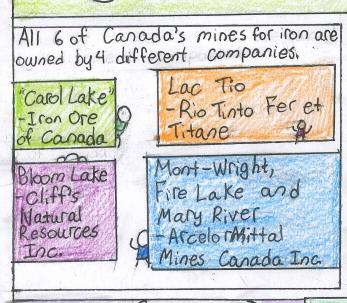




Iron Comes from a rock called Hematite? Hematite can be mined in Canada. Specific areas would be North-eastern Quebec, South-western New foundland and Labrador and Nunavet

-I was just // Confused?





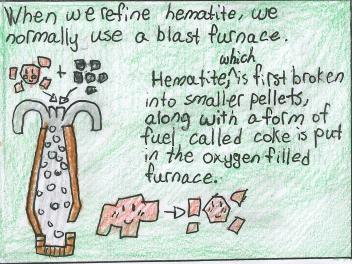
(Chromium)



Back to mining. Hematite is mined from an open pit mine. Overburden, which is the Surface layer, is removed and holes are drilled in Explosives are placed to blast apart the rock and find the hematite.

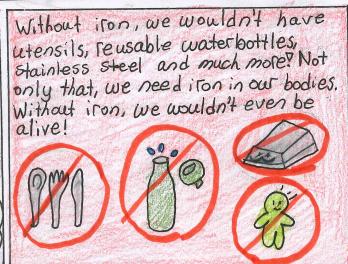






The coke and oxygen mix, creating, Coz. While the heat flows one way and the oxygen flows the otherway (counter current), the furnace is heated up to 200°C. The iron turns liquid and it is collected at the bottom of the turnace.







Project: A Spoon's Iron Journey

Date: 03/02/2017

<u>References</u>

MineralsEducationCoalition. (n.d.). Iron in Our Electrical World Video.

Retrieved February 02, 2017, from

http://mineralseducationcoalition.org/education-database/iron-in-our-electrical-world-video/

MineralsEducationCoalition. (n.d.). Iron Mining and Processing for Electrical Uses Poster.

Retrieved February 02, 2017, from

http://mineralseducationcoalition.org/education-database/iron-mining-and-processing-for-electrical-uses-poster/

Clark, B., Wallace, J. K., & Earle, K. (2006).

Making connections: Canada's geography (2nd ed.). Toronto: Pearson Education.

Hasan, H. (2005). Iron (Understanding the Elements of the Periodic Table). New York: Rosen Pub. Group

Walker, R. D. (2010, January 8). Iron processing.

Retrieved February 02, 2017, from

https://www.britannica.com/technology/iron-processing

Government of Canada. (2015, May 27). The Atlas of Canada-Minerals and Mining Retrieved February 02, 2017, from http://www.atlas.gc.ca/mins/en/index.html

MinesQC. (2013). Hematite, the most abundant form of iron ore.

Retrieved February 02, 2017, from

http://minesqc.com/en/knowledge-base/fiche/hematite-the-most-abundant-for m-of-iron-ore/

MinesQC. (2013). Lac Tio.

Retrieved February 02, 2017, from

http://minesqc.com/en/knowledge-base/fiche/lac-tio-2/

Rio Tinto. (n.d.). Iron Ore Company of Canada.

Retrieved February 02, 2017, from

http://www.riotinto.com/energyandminerals/iron-ore-company-of-canada-4694 .aspx

- Rio Tinto. (n.d.). Refining ore.

 Retrieved February 02, 2017, from

 http://www.riotinto.com/canada/rtft/rendering-ore-15054.aspx
- S. (2012, November 24). Extraction of Iron (Blast Furnace). Retrieved February 02, 2017, from https://www.youtube.com/watch?v=EmJ1RwGPkM0
- T. (2010, September 29). How It's Made Stainless Steel.
 Retrieved February 02, 2017, from
 https://www.youtube.com/watch?v=sTrvSXJW8zw