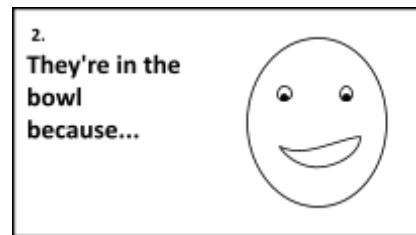


Video: https://www.youtube.com/watch?v=dKVXbzm_FXc

Storyboard:

1. Leprechaun (Stephen) tries eating a bowl of lucky charms, a poof of magic and it turns into a mix of the 4 mineral resources that we chose.
2. Kian can explain to the leprechaun what happened
3. Explain about all the minerals. **Order:** Halite, Calcium Carbonate, Petroleum, Sphalerite.
4. Final transition to Leprechaun (Kian): Explains why minerals are important to the world and especially to a luck-charm leprechaun.



Script:

Regular text - Spoken

(Bracket and Underlined) - Written on Innerittle-like infographics

Bold Text - Script info

(After the leprechaun cereal changes to the 4 minerals)

Kian-

Lucky charms? They're magically delicious! The famous cereal is made up of many mined minerals. In your bowl, there is halite, calcium carbonate, petroleum, and sphalerite all of which are commonly mined in Canada.

Stephen-

Halite is regularly called rock salt (Halite the most common source of Canadian table salt and is also used to salt roads). In Canada, Halite is mined in three major places, in Ontario, in the Maritimes, and in the plains. Canada produces 130 megatonnes of halite each year which is valued at 210 million dollars annually!

Kian-

In addition, Calcium Carbonate is used to construct the marshmallows and its chemical compound is CaCO_3 . Other uses include an antacid to relieve heartburn and indigestion. It comprises about 4% of Earth's crust in (its natural forms which include chalk, limestone, and marble). Manufacturers in Ontario consist of Omya Canada Inc. This industry earns Canada \$20 million a year.

Stephen-

Next, Petroleum is needed in order to make the food coloring. Petroleum is refined into many things, (like gasoline, plastic, and even food colouring found in the marshmallows). In Canada, petroleum is extracted in large quantities here: (**Map Shown**). Canada produces 5% of the world's petroleum and extracts 5.5 million barrels of it each day. That adds up to 110 billion dollars each year!

Kian-

Lastly, the purpose of Zinc in the product is to add nutritional value. Zinc ores also known as spalerlight assists the immune system fight off invading bacteria and viruses. In other industries, (Zinc oxide is widely used in the manufacture of very many products such as paints, rubber, and cosmetics.) Canada being one of the top 10 zinc producers means that Zinc mines can be found in almost every province. In 2018 Canada produced 266,565 tonnes of zinc which is equivalent to 2.2% of the zinc produced globally!!

Kian (as a leprechaun) -

Mined minerals are virtually found everywhere! And just think, without it, what would me and my lucky charms do?

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