

## Scene #1

### Dialogue

Minerals and metals are in everything and life wouldn't be the same without them. even something that you use almost every day, a ballpoint pen needs minerals to function. However Sometimes to really understand what is in something you have to break it apart.

### Special Effects

None

### Sound

Background music and narration. Also the sound of the pen hitting the paper.

### Text

(Blue pen ink) text is written by hand while talking.

### Graphics

Uses lines/arrows to connect keywords, lines are drawn while talking. Drawn on line paper.

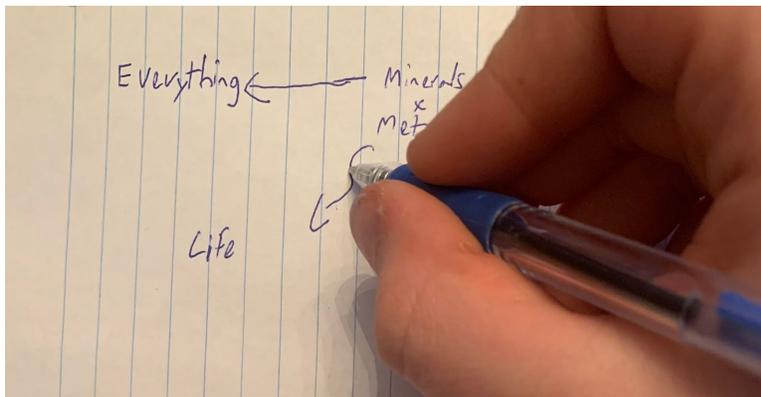
### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

Hit pen against the paper, once pen makes contact cut to scene #2

### Thumbnail sketch



## Scene #2

### Dialogue

A pen is made out of the barrel, ink chamber, the ballpoint tip, the ink, the tip, and the spring.

### Special Effects

The fade transition

### Sound

Background music and narration.

### Text

Labels for each part of the pen (ink chamber, the barrel, the tip, spring, ink, and ballpoint tip).

### Graphics

Uses lines/arrows to connect names of parts to the parts, lines are drawn while talking.

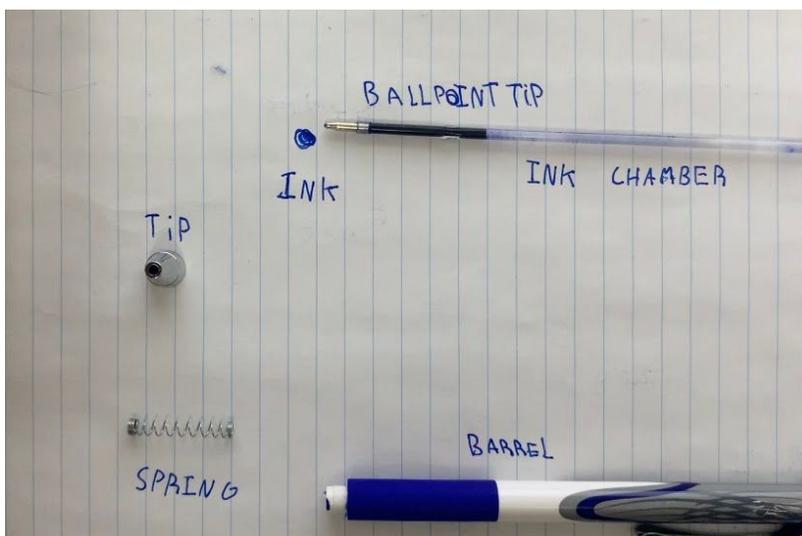
### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

Video fades to black when the video fades back in the next scene is shown

### Thumbnail sketch



### Scene #3

#### Dialogue

The ballpoint tip is made out of brass, brass is composed of copper and zinc. The two largest copper producers in Canada are B.C and Ontario.

#### Special Effects

None

#### Sound

Background music and narration.

#### Text

Lines connecting the parts of the ballpoint tip. Lines connecting the location that copper is produced in Canada to the copper image.

#### Graphics

image of zinc and copper showed as an element. Use a cut-out of an image made in google docs or use a pen drawing?

#### Background Music

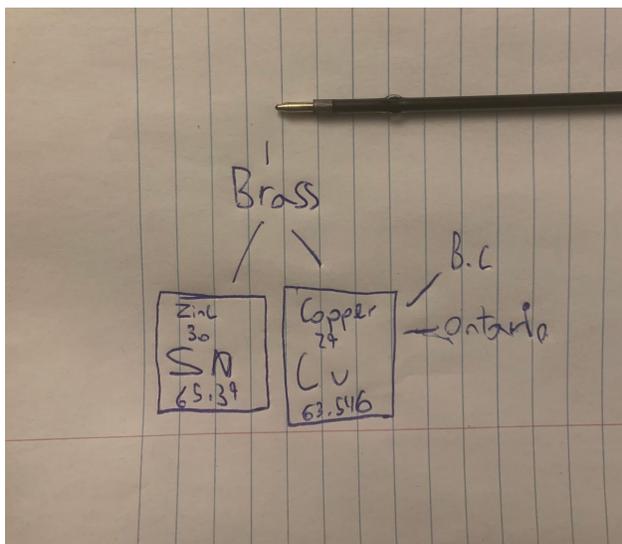
Growing Up by Scott Buckley

#### Transition To Next Scene

A: If the copper image is paper cut out, pick it up and raise it until it is touching the camera, then remove the copper image to reveal scene #4

B: If the copper image is drawn on, use the same transition as scene #2

#### Thumbnail sketch



## Scene #4

### Dialogue

Copper is an efficient conductor of electricity which means it's probably in the device you're using right now to watch this video.

### Special Effects

None

### Sound

Background music and narration.

### Text

None

### Graphics

Video of me walking towards the camera holding a phone wearing a **green** hoodie.

### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

Slowly put the phone over the camera so the video shows nothing but the phone, then remove the phone to reveal scene #5 ( similar to transition A of scene #3)

### Thumbnail sketch/plan



## Scene #5

### Dialogue

Zinc is mined all across Canada in B.C, Saskatchewan, Manitoba, Ontario, Quebec, Yukon, Northwest Territories, and Nunavut. The Polaris mine in Nunavut is the northernmost base metal mine in the world.

### Special Effects

None

### Sound

Background music and narration.

### Text

None

### Graphics

Use lines to illustrate zinc being mined all over Canada. Image of zinc (same as scene #3), Coloured map of Canada with province names (Colours in the map are **pink** and **dark yellow**). Point to the location of The Polaris mine using a pen.

### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

A: If zinc image is a paper cut out, do virtually the same transition as scene #3 option A, however, use the zinc image

B: If the zinc image is drawn on using **blue** pen ink, use the same transition as scene #2

### Thumbnail sketch/plan



## Scene #6

### Dialogue

Zinc is used in a variety of things like brass instruments and even a penny.

### Special Effects

None

### Sound

Background music and narration.

### Text

None

### Graphics

Slowly walking towards the camera wearing a **green** shirt and holding a trumpet and a penny.

Flip the penny while walking.

### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

Slowly move the penny over top of the camera covering up everything else, when the penny is removed it reveals scene #7 (similar to transition A of scene #3).

### Thumbnail sketch/plan



## Scene #7

### Dialogue

The spring is made out of galvanized steel which is a carbon-steel zinc alloy. Carbon-steel is composed of high carbon iron. 61% of Canada's iron is mined in Quebec, the rest comes from Newfoundland and Labrador and Nunavut.

### Special Effects

None

### Sound

Background music and narration.

### Text

Text is in the tree diagram labelling the components of the spring (galvanized steel, carbon steel).

### Graphics

Video shows a tree diagram that breaks down a spring into materials that can be mined. Map of Canada showing where iron is mined.

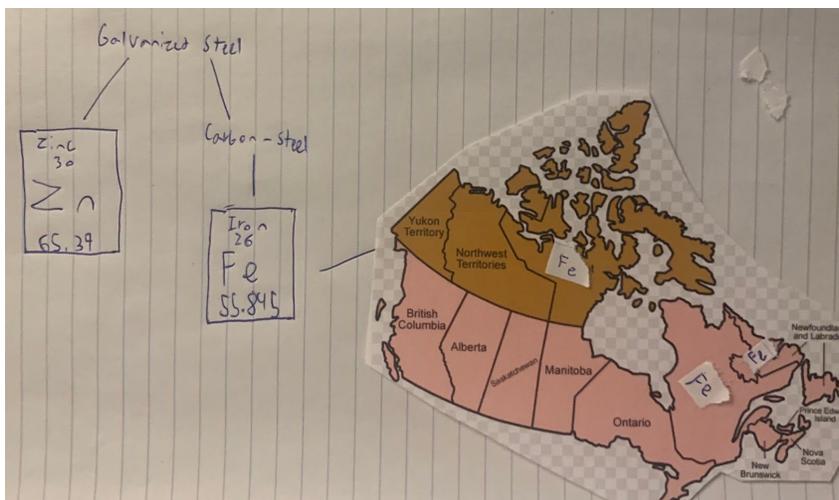
### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

Quickly move the camera to the left to create a blur, then continue this movement in the location of scene #8 to create the illusion of one continuous shot. Then stop the motion to reveal scene #8.

### Thumbnail sketch/plan



## Scene #8

### Dialogue

Iron has countless uses, just look at a kitchen! Every item here with a sticky note on it has iron in it.

### Special Effects

None

### Sound

Background music and narration.

### Text

The letters “ Fe” are on each sticky note.

### Graphics

Multiple sticky notes on things that have iron in them. Camera is moving from right to left to show the entire kitchen and what has iron in it.

### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

No transition, just a cut. Scene #8 will end exactly when scene #9 starts.

### Thumbnail sketch/plan



## Scene #9

### Dialogue

The barrel, cap and ink chamber are all made out of a cheap plastic called polystyrene. Polystyrene is extracted from oil during the refining process. In Canada, Alberta Saskatchewan and Newfoundland and Labrador produced 97% of our oil.

### Special Effects

None

### Sound

Background music and narration.

### Text

Key terms and statistics are written down including "97%" and Polystyrene.

### Graphics

Lines are used to illustrate that oil is mined in Canada. Pen points to where it is mined. Arrows and lines are used to show the connection between the barrel, cap and ink chamber and oil.

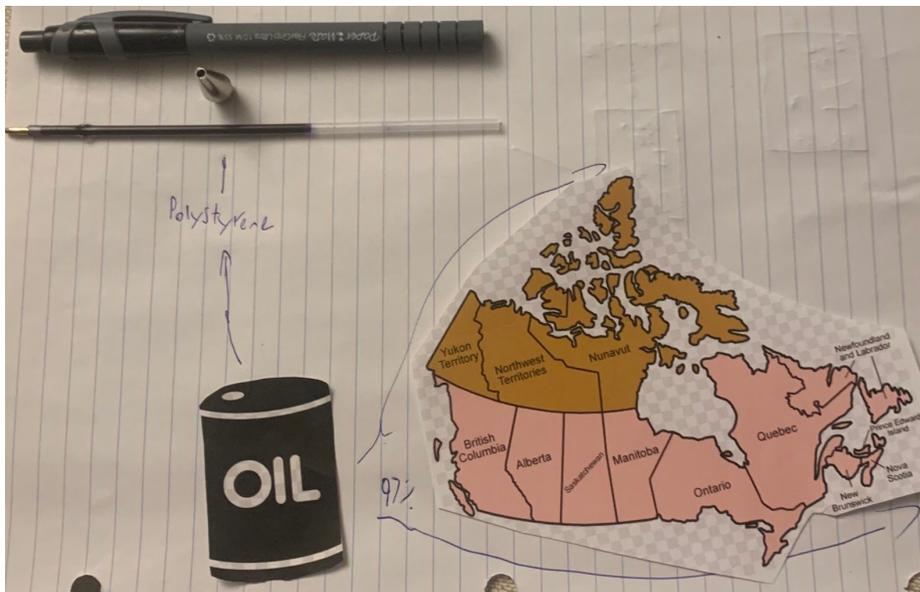
### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

Pick up the oil image and slowly move to cover up the camera, then remove the oil image to reveal scene #10 (similar to transition A of scene #3)

### Thumbnail sketch/plan



## Scene #10

### Dialogue

Pen ink is a dye that is made out of renewable resources like plants that have been suspended in a solvent of oil. Your car probably wouldn't run without oil because it is an essential component of gas

### Special Effects

None

### Sound

Background music and narration.

### Text

Key terms are written down including renewable resources.

### Graphics

Lines and arrows used to connect pen ink to oil, then to connect oil to a small grey Hot Wheels car.

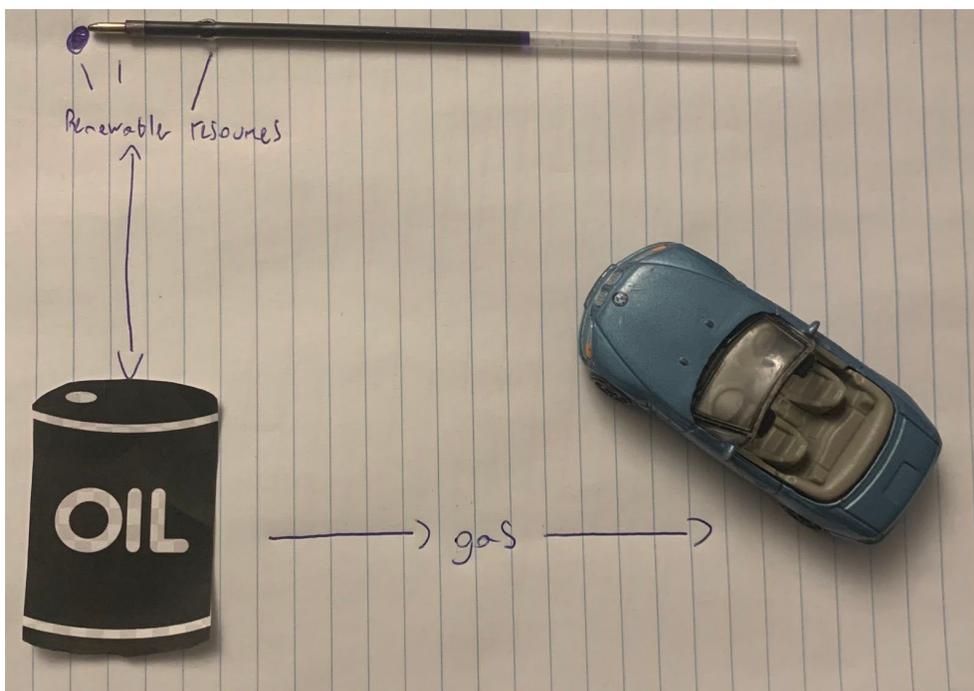
### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

Raise the car towards the camera until the camera is covered up, then remove the car to reveal scene #11 (similar to transition A of scene #3).

### Thumbnail sketch/plan



## Scene #11

### Dialogue

Minerals are in everything and life wouldn't be the same without them.

### Special Effects

None

### Sound

Background music and narration.

### Text

None

### Graphics

Shows me walking towards the camera while talking in a hallway wearing a T-shirt while holding a pen.

### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

Video fades into scene #12

### Thumbnail sketch/plan



## Scene #12

### Dialogue

None

### Special Effects

None

### Sound

Background music.

### Text

Half of my sources.

### Graphics

Shows A image of a piece of paper containing half of my sources.

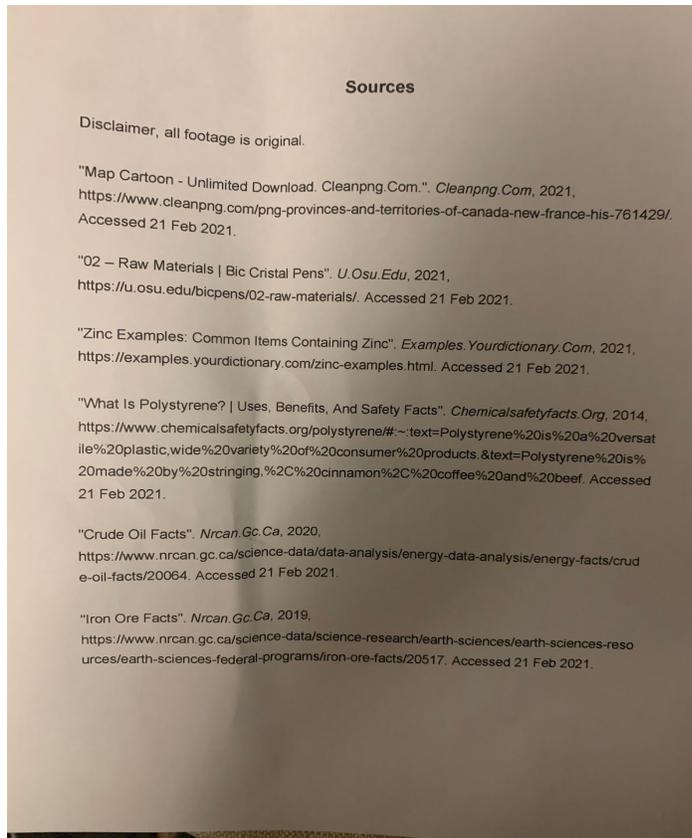
### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

Scene #13 slides overtop of scene #12 from the top.

### Thumbnail sketch/plan



## Scene #13

### Dialogue

None

### Special Effects

None

### Sound

Background music.

### Text

Half of my sources.

### Graphics

Shows A image of a piece of paper containing the other half of my sources.

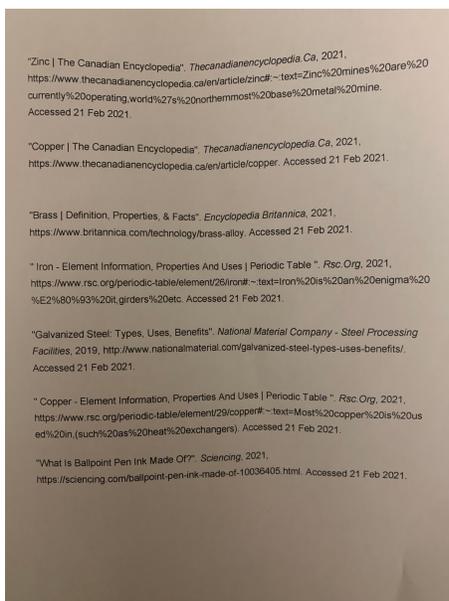
### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

Scene #13 slides overtop of scene #12 from the top.

### Thumbnail sketch/plan



## Scene #14

### Dialogue

None

### Special Effects

Shows "JOHN A KNOX"

### Sound

Background music.

### Text

"JOHN A KNOX"

### Graphics

Shows an image with a black background with white text overtop that reads "JOHN A KNOX".

### Background Music

Growing Up by Scott Buckley

### Transition To Next Scene

Scene #14 cuts to black.

### Thumbnail sketch/plan



## Sources

Disclaimer, all footage is original.

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## Music

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