

A black and white photograph of an astronaut in a full spacesuit standing on the surface of the moon. The astronaut is facing towards the left of the frame. In the background, a flag is planted in the ground, and the dark expanse of space and distant stars are visible.

# Final Evaluation Planning

One small step for a student, one great step for a final evaluation

You've got 4 groups or paragraphs.

## 2<sup>nd</sup> Order Question

Paragraph #1

Does our knowledge depend on our interactions with other knowers?

Personal Example

STEAM Unit

Garden Gate

Canoe Trip

Paragraph #2

Why do we seek knowledge?

Geo-caching

Social Media (LOL cats)

Paragraph #3

How does the way that we organize or classify knowledge affect what we know?

Water Guns

Photography (Groundhogs)

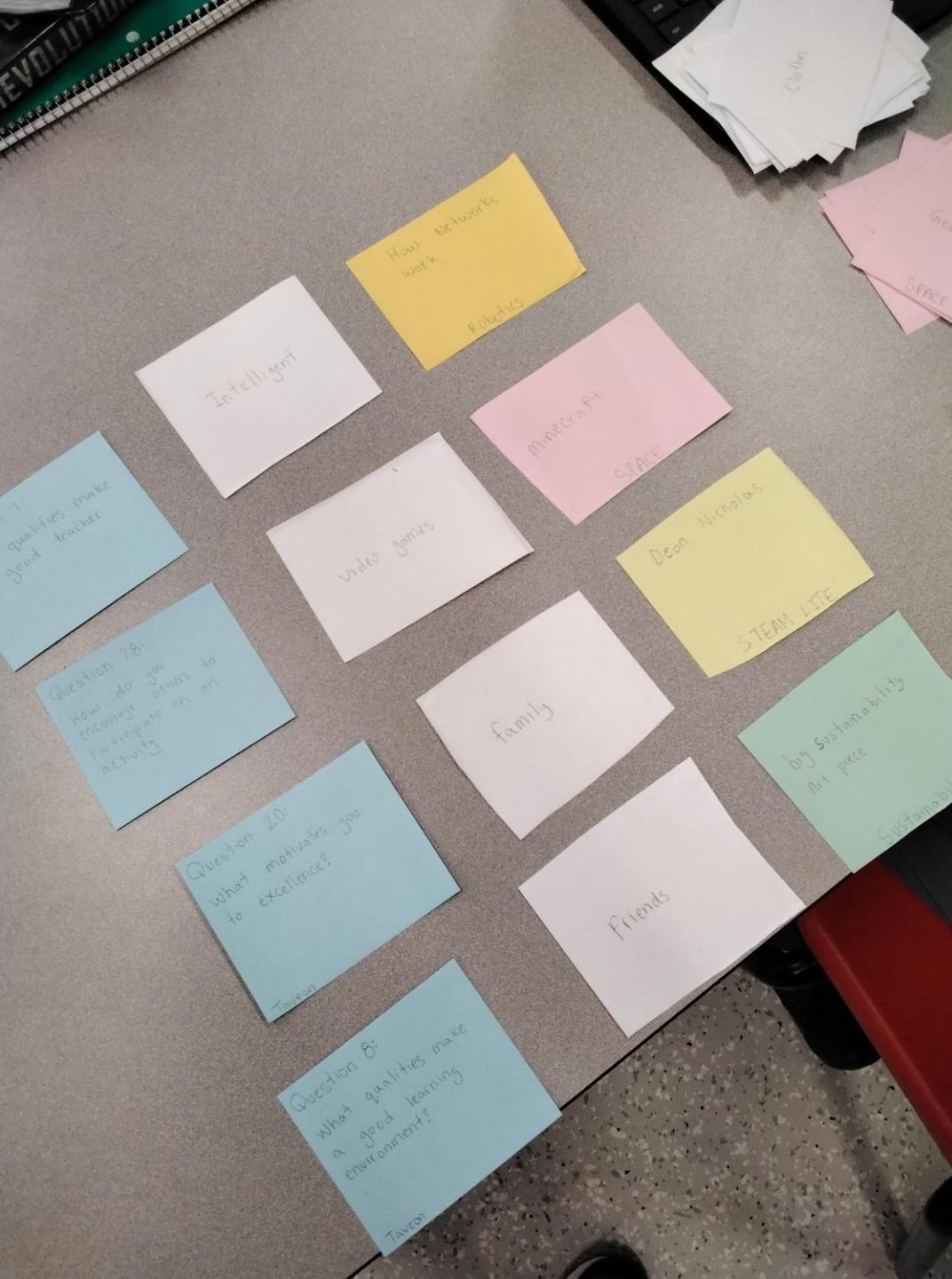
Paragraph #4

How important are material tools in the production or acquisition of knowledge?

Beehive

Star Wars (Death Star)

The first step looked something like this:



Then, we hole punched & treasury taged each paragraph

Focus on a particular task without any kind of interruption?

what are the dangers equating personal knowledge and

what is the relation between theory and practice?

These cards will become a paragraph.

Paragraph #4

How important are material tools in the production or acquisition of knowledge?

Beehive

Star Wars  
(Death Star)

In the Star Wars unit, we constructed a Death Star model from a cheese ball to investigate the movie's theme of life and death. However, our project also taught us that material tools are critical in the production and acquisition of knowledge. The impressive spherical shape was designed to inspire awe in the citizens of the dark side's power. The elegance of the Death Star design is impossible to appreciate without sculpting it yourself. The selection of cheese was critical to this appreciation; it is soft enough to easily form into a sphere but solid enough to hold surface details. Currently, I am raising my first backyard bee colony. The choice of wood has been as critical to my understanding of beehives as the choice of cheese was to understanding Star Wars imagery. In the future, I now understand that my material tools and their properties are extremely important in determining what I will be able to learn. This means that material selection will become an important part of my investigation phase. - 175 words

Paragraph #4

How important are material tools in the production or acquisition of knowledge?

Beehive

Star Wars  
(Death Star)

In the Star Wars unit, we constructed a Death Star model from cheese to investigate the movie's theme of life and death. However, our investigation has shown us that material tools are critical in the production and acquisition of knowledge. The impressive spherical shape was designed to inspire awe and admiration of the dark side's power. The elegance of the Death Star design is something that can only be appreciated without sculpting it yourself. The selection of cheese was critical to this appreciation; it is soft enough to easily form into a sphere but solid enough to hold surface details. Currently, I am raising my first backyard bee colony. The choice of wood has been as critical to my understanding of beehives as the choice of cheese was to understanding Star Wars imagery. In the future, I now understand that my material tools and their properties are extremely important in determining what I will be able to learn. This means that material selection will become an important part of my investigation phase. - 175 words

These piles don't match the structure of the paragraph.

Star Wars  
(Death Star)

How important are material tools in the production or acquisition of knowledge?

Beehive

First: Rearrange piles to put in the order of your paragraph.

In the Star Wars unit, we constructed a Death Star model from a cheese ball to investigate the movie's theme of life and death. However, our project also taught us that material tools are critical in the production and acquisition of knowledge.

The impressive spherical shape was designed to inspire awe in the citizens of the dark side's power. The elegance of the Death Star design is impossible to appreciate without sculpting it yourself. The selection of cheese was critical to this appreciation; it is soft enough to easily form into a sphere but solid enough to hold surface details. Currently, I am raising my first backyard bee colony. The choice of wood has been as critical to my understanding of beehives as the choice of cheese was to understanding Star Wars imagery. In the future, I now understand that my material tools and their properties are extremely important in determining what I will be able to learn. This means that material selection will become an important part of my investigation phase. - 175 words

Star Wars  
(Death Star)

How important are material tools in the production or acquisition of knowledge?

How STEAM answers question

Beehive

How Example Answers question

In the Star Wars unit, we constructed a Death Star model from a cheese ball to investigate the movie's theme of life and death. However, our project also taught us that material tools are critical in the production and acquisition of knowledge. The impressive spherical shape was designed to inspire awe in the citizens of the dark side's power. The elegance of the Death Star design is something that can be appreciated without sculpting it yourself. The selection of cheese was critical to this appreciation; it is soft enough to easily form into a sphere, but hard enough to hold surface details. Currently, I am raising my first backyard beehive. The choice of wood has been as critical to my understanding of bee behavior as the choice of cheese was to understanding Star Wars imagery. I have learned that I understand that my material tools and their properties are extremely important in determining what I will be able to learn. This means that material selection will become an important part of my investigation phase. - 175 words

Next: Add analysis that shows how each answers the question.

The pile will look something like this:

Star  
Wars  
(Death  
Star)

How important are material tools in the production or acquisition of knowledge?

Material Tool = Cheese. Choice of medium helped us to sculpt and to truly understand awe and majesty of the Death Star

Beehive

Material Tool = wood. Choice of wood to make the beehive really taught me a lot about bees.

Star Wars  
(Death Star)

How important are material tools in the production or acquisition of knowledge?

How STEAM answers question

Beehive

How Example Answers question

Deeper Learning

In the Star Wars unit, we constructed a Death Star model from a cheese ball to investigate the movie's theme of life and death. However, our project also taught us that material tools are critical in the production and acquisition of knowledge. The impressive spherical shape was designed to inspire awe in the citizens of the dark side's power. The elegance of the Death Star design is something to appreciate without sculpting it yourself. The selection of cheese is critical to this appreciation; it is soft enough to easily form into a sphere but hard enough to hold surface details. Currently, I am raising my first backyard chickens. The choice of wood has been as critical to my understanding of the project as the choice of cheese was to understanding Star Wars imagery. I have learned to understand that my material tools and their properties are extremely important in determining what I will be able to learn. This means that material selection will become an important part of my investigation phase. - 175 words

Last: Add a final thought – what is the deeper learning you will take to other classes?

Before you go any further with the analysis, I have a question:

Is your STEAM  
artifact in your  
learning journal?



# Unit Final Project

## Death Star Cheese Ball



When we first convinced of the Death Star cheese ball, we never dreamed that it would be this great.

We love everything about our final product – the crackers, the taste and the look (before we ate it for lunch).

A special shout out to Ms. Showalter for the idea.

If we had to name a favourite part of the project – this would be it.



These twin-ion engine fighters are working hard to defend the empire's new weapon against the rebels.

If it is in your  
learning journal,  
**GREAT**, start  
your analysis.

If it is in your learning journal, GREAT, start your analysis.

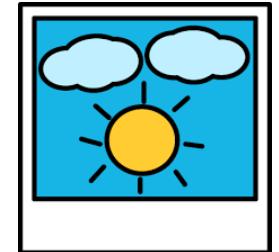
If it isn't, you have two choices -

If it is in your learning journal, GREAT, start your analysis.

If it isn't, you have two choices -

1

Add it now.



2

Pick something else