

Sept 26, 2016

- Desk Change
- Order of Operations Assessment Review
- 99 problem Think-Pair-Share

Think-Pair-Share

99

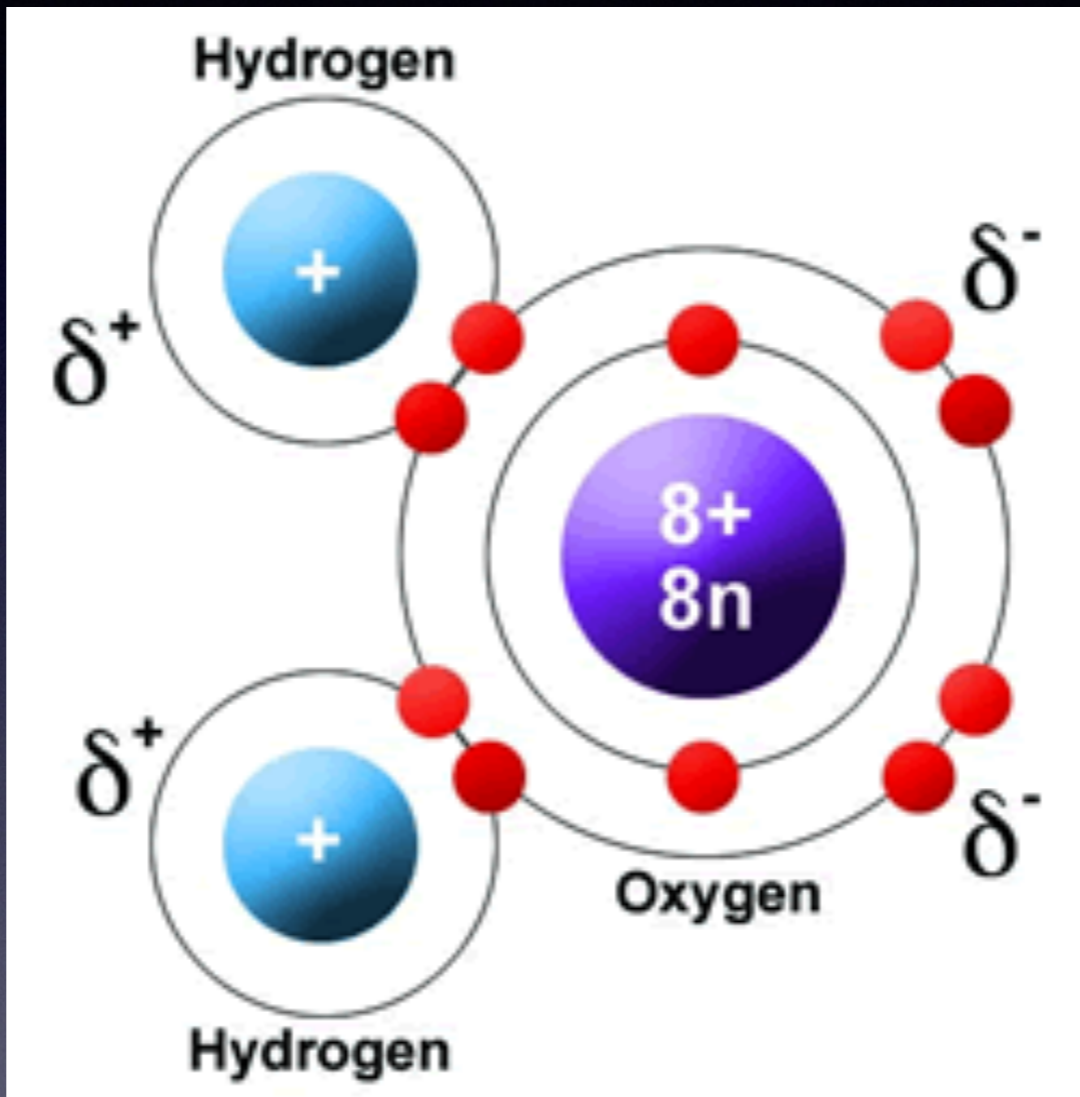
How many addition signs should be put between digits of the number 987654321 and where should we put them to get a total of 99?

Particle Model of Matter Visual Journal Entry

Your Task: Using the resources provided, including your notes and the sites below create a visual entry in your journal that explains using words and pictures the particle model of matter. The intent of this activity is to help you make sense of a significant science concept that applies to all fields of science.

Be sure to include the following:


- Diagram of particles in each phase (state) of matter
- Diagram showing the phases a substance can move through
- Evaporation, Condensation, Solidification (freezing), Melting,
- Bonus: What is sublimation?
- Important points about particles (movement, space, bonds)
- Examples of substances that move through these phases
- Diagram of a molecule of water



Sept 27, 2016

99 Problem Sharing and Rubric

Mathematics Problem Solving Rubric

			
Reasoning	I don't know if my solution is correct.	My solution is correct but I don't know how to prove it.	I proved that my solution is correct.
Strategies	I am not sure if I have a strategy for solving the problem.	I have a strategy for solving the problem.	I have a number of strategies for solving the problem.
Representation	I created a model but it is not helping me solve the problem.	I created a model that helped me solve the problem.	I created a model that gave me insight into the problem.
Communication	I know what I did but I cannot explain it.	I can explain my solution but it isn't very clear yet.	I clearly explained my solution.
Conceptual Understanding	I can recognize and recall some of the features of this math idea but I do not know how it relates to.	I can show the main features of this math idea but I do not know how it relates to other math ideas.	I can relate and show how this math idea relates to other math ideas.

What Makes Canada, Canada?

What makes you, you?

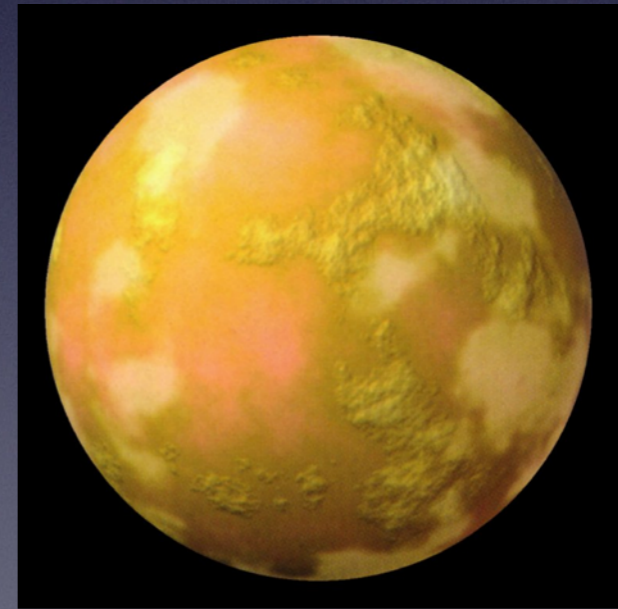
Identity Circles

Sept 28, 2016

There are three Jedi Knights and three Storm Troopers who need to get from the planet Alderaan to the planet Tatooine. They have a spaceship to carry them, but it can only hold two people at a time. All of the Jedi and Storm Troopers are capable of piloting the spaceship. The problem is that if the Storm Troopers outnumber the Jedi, they'll pick a fight and get themselves killed. The Jedi will not kill the Storm Troopers if they outnumber them. How can you get all six of them safely to Tatooine?



Alderaan



Tatooine

Visual Journaling

<https://drive.google.com/drive/u/0/folders/0B4VMICMXVRa1eUNJdC1neXJPa1E>

<https://edtech.boisestate.edu/connectionsacademy/rubrics/reflection.htm>

- Purpose
- Audience
- Evidence
- Tool

Lady Franklin Letter Writing-

“Jane Franklin was powerful and strong-willed and moved in the highest circles of society. She also knew how to manipulate from behind the scenes, moulding her more passive husband’s career and even going to the lengths of burning official documents that she felt he shouldn’t see. After she was widowed, Jane stopped at nothing, even wrecking Rae’s reputation, to ensure John’s lasting fame.”

<http://www.januarymagazine.com/biography/ladyfranklin.html>

<http://www.quillandquire.com/review/lady-franklin-s-revenge-a-true-story-of-ambition-obsession-and-the-remaking-of-arctic-history/>

Lightfinder

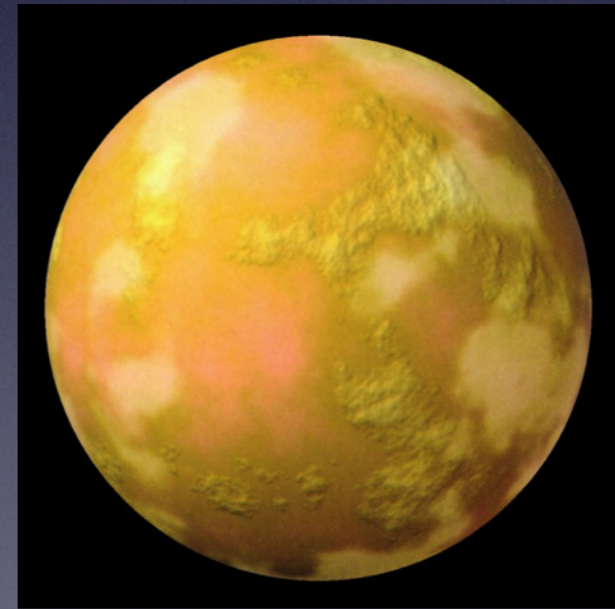
<http://www.aaronpaquette.net/?p=7137>

Sept 29, 2016

There are three Jedi Knights and three Storm Troopers who need to get from the planet Alderaan to the planet Tatooine. They have a spaceship to carry them, but it can only hold two people at a time. All of the Jedi and Storm Troopers are capable of piloting the spaceship. The problem is that if the Storm Troopers outnumber the Jedi, they'll pick a fight and get themselves killed. The Jedi will not kill the Storm Troopers if they outnumber them. How can you get all six of them safely to Tatooine?



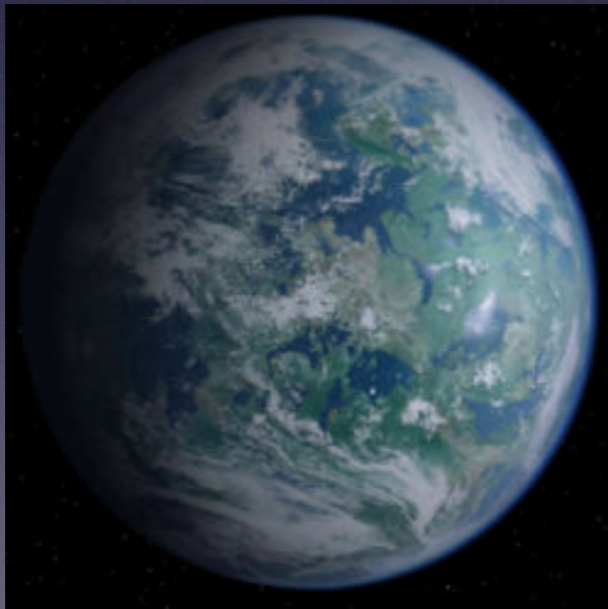
Alderaan



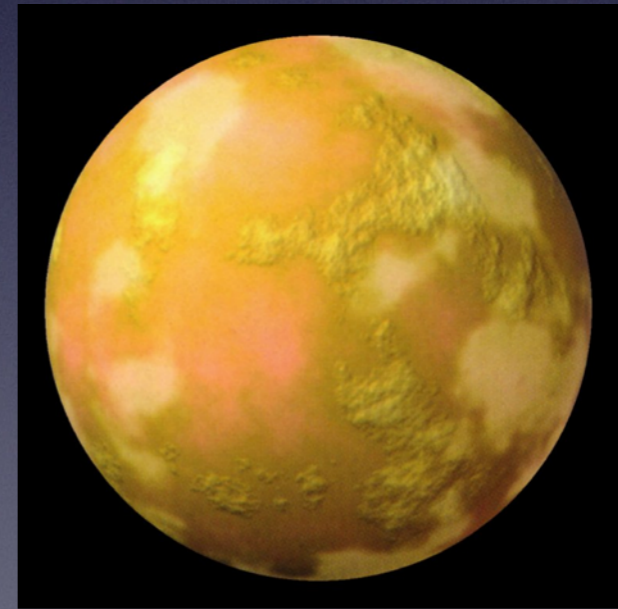
Tatooine

What do you know?
What do you need to find out?

Model: what model can you create to help solve the problem and share your solution



Alderaan



Tatooine

1. Lady Franklin Letter Writing-

2. Franklin Expedition Reflection

- visual journal
- add pictures and words

What were you most excited about?

What are your lasting thoughts?

Wonders?

Water and Colour

Materials: 3 glasses, water, food coloring, paper towel

Procedure: What did you (Ms.McNeil do?

I think.... (Hypothesis)

I see.... (Observations)

I wonder.... (Conclusion and questions)

Wow Time

- Particle Model of Matter Visual Journal (Due Tuesday Oct 4)
- Map of Canada
- Identity Circles
- Lady Franklin Letter
- Writers Workshop (only if you are finished everything else above)