TERRA FORMA CARDS: SCIENCE DECK SAMPLE QUESTIONS

LEVEL ONE

* How can I show how (Scientist) is connected to (Theme) or (Life Science) or (Physical Science)?
  + *How can I show how FRED HOYLE (Steady State Universe) is connected to LIGHT POLLUTION or LIVING ENVIRONMENT or ELECTROMAGNETIC SPECTRUM?*
* How can I (Product) to explain how (Life Science) or (Physical Science) relates to (Theme)?
  + *How can I BUILD A RUBE GOLDBERG MACHINE to explain how NEWTONS 3rd LAW relates to MOVEMENT?*
* How can I (Product) that explores the work of (Scientist)?
  + *How can I CREATE AN INFORMATIONAL POSTER that explores the work of WILLIAM HARVEY (Blood Circulation)?*
* How can I (Product) that explains (Life Science) or (Physical Science) and (Vocabulary)?
  + *How can I DESIGN A WEBPAGE that explains HOMEOSTASIS or HEAT CONDUCTION and APPLIED SCIENCE?*

LEVEL TWO

* How will I create a connection between (Life Science), (Physical Science) and (Scientist)?
  + *How will I create a connection between MAN MADE MATERIALS, COLORS and WILLIAM KENNEDY DICKSON (Motion Photography)?*
* How can I (Product) to teach younger students about (Theme), (Life Science) or (Physical Science)?
  + *How can I WRITE A TV SCRIPT to teach younger students about NATURAL SELECTION?*
* How can I (Product) to show that (Theme) is connected to (Life Science) or (Physical Science) and (Scientist)?
  + *How can I CREATE A CARTOON to show that INVENTOR FRAUD is connected to ELECTRICITY and JOSEPH SWAN (Light Bulb)?*
* How can I (product) that connects the work of (scientist) and (scientist) in (theme) or (life science) or (physical science)?
  + *How can I WRITE A MAGAZINE ARTICLE that connects the work of LEONARDO DA VINCI (Artist) and GEORGE LUCAS (Movie Director) in SCIENCE FICTION.*

LEVEL THREE

* How can I (Product) that connects (Life Science) and (Physical Science) under the concept of (Theme)?
  + *How can I WRITE A RESEARCH PAPER that connects HEALTH and NET FORCES under the concept of KINESIOLOGY?*
* How can I (Product) to compare and contrast the work of (Scientist) to the work of (Scientist) and their impact in the world around us?
  + *How can I ILLUSTRATE A GRAPHIC NOVEL to compare and contrast the work of LEONARDO DAVINCI to the work of THE WRIGHT BROTHERS and their impact in the world around us?*
* How can I show how (Scientist) would utilize social media to enhance their work in (Theme) and to collaborate with (Scientist)?
  + *How can I show how NIELS BOHR (Atomic Model) would utilize social media to enhance their work in FOOD and collaborate with LESTER R BROWN (Food Science)?*
* How can I show that (Theme) is related to (Theme) through (Life Science) and/or (Physical Science)?
  + *How can I show that COLLABORATION is related to INNOVATION through DISEASE and/or PHYSICAL CHANGES?*

LEVEL FOUR

* If I could travel back in time, how could I use (Theme) in (Life Science) and/or (Physical Science) to address a known historical problem or disaster?
  + *If I could travel back in time, how could I use FUEL SYSTEMS in ENERGY CONSUMPTION and/or CONSERVATION OF MASS to address a historical problem or disaster?*
* How will I (Product) to show my understanding of (Theme) through the connection of (life Science), (Physical Science) and (Scientist)?
  + *How will I NARRATE HISTORY to show my understanding of PLANETARY LIFE through the connection of HOMOSAPIENS, ELECTROMAGNETIC RADIATION and CLUADE LEVI-STRAUSS (Structural Anatomy)?*
* How will I show that (Life Science) and (Physical Science) are related to (Theme/Scientist) that sparked further scientific exploration to (Theme)?
  + *How will I show that FIBONACCI NUMBERS and ACOUSTICS are related to COMMUNICATIONS that sparked further scientific exploration to ARTIFICIAL INTELLIGENCE?*
* As a scientist, how would I use the research of (scientist) to solve a problem within (theme) while focusing on (life science) and/or (physical science)?
  + *As a scientist, how would I use the research of JAMES CHADWICK (Neutrons) to solve a problem with DESTRUCTION while focusing on ENVIRONMENTAL FACTORS and/or CHAIN REACTIONS?*