**Science Agenda: February 10th, 2020**

01. **Bell Work:**

* *Why a series of tests needs to be conducted to choose an optimal solution & how the optimal solution is chosen?*
* *How can we get the best solution possible? (bubble-map)*

02. Watch two **YouTube Videos** <https://www.youtube.com/watch?v=g0TaYhjpOfo&feature=youtu.be> (1:13) & <https://www.youtube.com/watch?v=knoOXBLFQ-s> (1:29)

* *What major differences did you notice between the two videos?*
* *Do you think the robots in the first video had undergone prior testing? How do you know?*
* *In order for the robots from the first video to function more like the robots from the second, what do you think needs to happen?*
* *In either video, were the robots “finished”?*

03. **7.3 Unit Challenge Dog Crate Design Activity**

*Students revisit their* ***Team Blueprint*** *& add any new information gained through this lesson. After adding to their* ***Team Blueprint****, students complete their proposal document for their* ***Unit Challenge prototype****. Students build their first attempt at their crate, test it & share their results with the class.*

**Resources Needed for this Instructional Phase:**

* 1 lamp
* 1 thermometer
* 1 lunch tray
* Different Types of Insolation

[7.3\_UnitChallengeOrganizer\_CrateDesign](https://docs.google.com/presentation/d/1hdGtj9P_gr4TEDWSg18HKjUPTg2wNZ3vJi66PoaaHEE/edit?usp=sharing) (from previous lessons)

[7.3\_UnitChallengeOrganizer\_TeamVersion](https://docs.google.com/document/d/1J_jBJVPQazOvfwTfuRgCjonBQrvP3ZWXaaTN_r-JjS8/edit?usp=sharing)

04. **Race to Cool Lab Activity** (if time)

* *What variables did you consider when designing your solution?*
* *What method appears to be the most effective?*

05. **Quiz Thursday!**

**Social Studies Agenda: February 10th, 2020**

01. **Bell Work:**

* *Who founded* ***Islam****?*
* *Where did* ***Islam*** *begin?*
* *Who/what is their supreme-being or God?*
* *What are important holy days for* ***Muslims****?*
* *What are some of the basic beliefs of* ***Islam*** *(just the names)?*

02. **Islam Power Point**

03. Watch YouTube Clip <https://www.youtube.com/watch?v=wgP_OSOS3IA> (3:24)

04. **The Arabian Peninsula & Surrounding Areas WKS**

05.Turn in homework: **World Religions Foldable** & **Venn Diagram**

06. **Kahoot!** (if time)

07. **Unit Test** this Thursday