**Brainstorming Handout**

Diagram

Description automatically generated

**Scientists** investigate what is; they discover new knowledge by peering into the unknown**...**

**Engineers** create what has not been; they make things that have never existed before**...**

─ *Joseph Bordogna, Deputy Director, National Science Foundation*

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| **Brainstorm Guidelines** |
| No negative comments are allowed.  Encourage wild ideas.  All ideas are recorded.  Stay focused on topic.  One conversation at a time.  Build on the ideas of others. |

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| **S.C.A.M.P.E.R** |
| **S**ubstitute  **C**ombine  **A**dapt  **M**odify, Magnify or Minify  **P**ut to other uses  **E**liminate  **R**everse or Rearrange |