

Grade 4 Science
Week of December 14 – December 18

Unit 3 Inquiry Project



Explanation of Inquiry Projects: <https://youtu.be/NtE0es3r7CY>

Instructions:

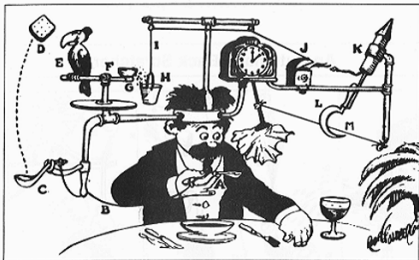
- Select a project for this unit from the list below. More details in the separate PDFs.
- Each project should be in **ONE** file (often a WORD document) where all data, pictures, scans, etc.....are inserted into this document. It should be clearly named and completed.
- Check with your teacher if you wish to deviate from the project list.



Self-Operating Napkin

What are different types of renewable energies and how do they work?

Topics: Energy, Environment, Renewable



Can I build a Rube Goldberg machine then analyze it using the law of energy conservation?

Topics: Engineering, Goldberg, Mechanics, Rube



Can you make pepper magically stick to a balloon?

Topics: Experiment, Static Electricity



**Can I blow up a balloon without using my breath?
How?**

Topics: Chemical, Conservation, Energy,
Reaction



**What are different ways that I can conserve energy
at my house?**

Topics: Conservation, Energy