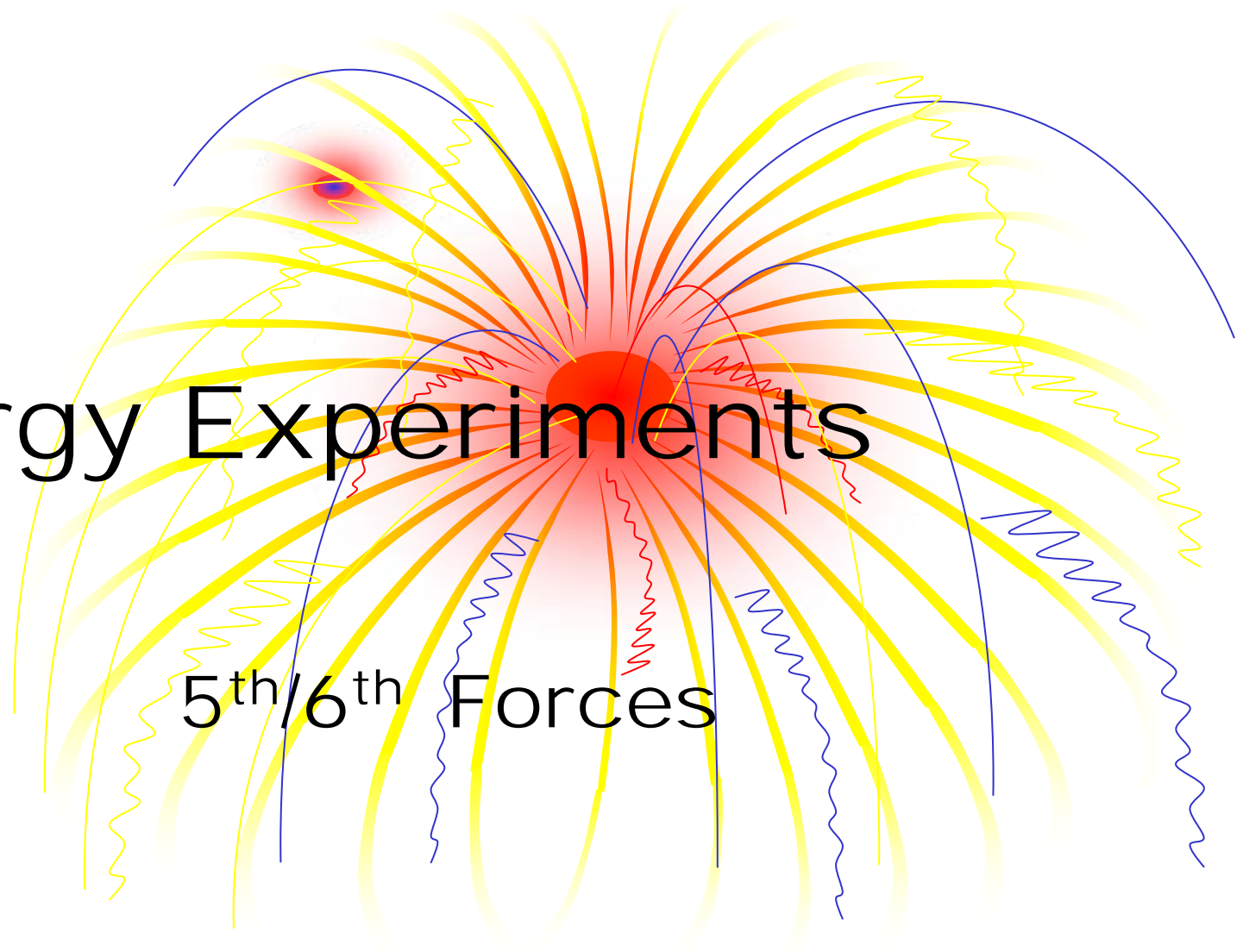
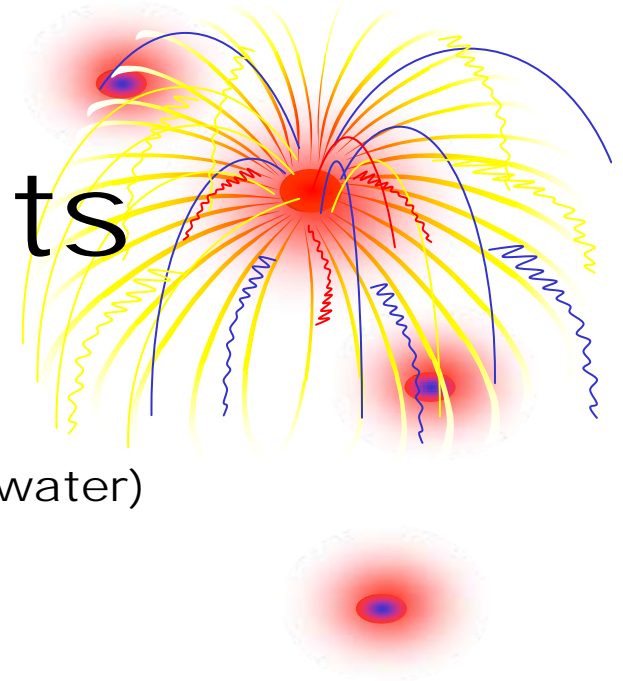


Energy Experiments

5th/6th Forces



Forces experiments



1. Rocket launch (using trapped air pressure)
2. Magnetic car (by pushing and pulling)
3. Hydro power (harnessing energy of moving water)
4. Land yacht (using wind energy)
5. Wind powered lift (harnessing wind energy)
6. Friction

These experiments explore the following objectives of the 5th-6th class science curriculum:

Strand: Energy and forces

Strand unit: Forces

Objectives:

- Identify and explore how objects and materials may be moved
- Explore the effect of friction on movement and how it may be used to slow or stop moving objects
- Explore how levers may be used to help lift different objects