## Nanoscale Science Informal Learning Experiences: NISE Network Content Map

### 1. Nano is small and different
- **Emerging field**
  - Nano is an emerging field.
- **Nanometer**
  - A nanometer is a billionth of a meter.
- **Novel properties**
  - Nano properties can lead to new materials and devices.

### 2. Nano is studying and making tiny things
- **Atoms and molecules**
  - The arrangement of atoms and molecules helps determine a material's properties.
- **Manipulating matter**
  - Researchers have new ways to manipulate matter at the nanoscale.
- **Nature and technology**
  - Nano is found in nature and in technology.
- **New tools**
  - New tools make the field of nano possible.

### 3. Nano is new technologies
- **Interdisciplinary field**
  - The interdisciplinary nature of nano leads to new solutions and innovations.
- **Consumer products**
  - Nano may improve existing products.
- **Innovative applications**
  - Nano may lead to new materials and applications.

### 4. Nano is part of our society and our future
- **Consumer influence**
  - Our choices as consumers and citizens influence nano.
- **Gov't and corporate guidance**
  - Governments and companies promote and regulate nano.
- **Risks and benefits**
  - Nano involves costs, risks, and benefits.
- **Technology and change**
  - Nano will affect our economy, environment, and personal lives.