**Name:**

**Date:**

**School:**

**Facilitator:**

1.02 States of Matter Booklet

**Make a booklet to show your understanding of the 5 states of matter. Use the description below and the rubric on the next page to ensure your project meets expectations. You can design this in any presentation or word processing software, such as Microsoft Word, Publisher, or PowerPoint; Pages or Keynote for Mac; Prezi; etc.**

Your booklet should include:

1. A title page.
2. A page on solids.
   1. A description of a solid, its structure, and how particle movement and energy affect this state.
   2. A minimum of 5 different pictures of solids. Each picture should be clearly labeled and include a citation for the image.
3. A page on liquids.
   1. A description of a liquid, its structure, and how particle movement and energy affect this state.
   2. A minimum of 5 different pictures of liquids. Each picture should be clearly labeled and include a citation for the image.
4. A page on gases.
   1. A description of a gas, its structure, and how particle movement and energy affect this state.
   2. A minimum of 5 different pictures of gases. Each picture should be clearly labeled and include a citation for the image.
5. A page on plasma.
   1. A description of plasma, its structure, and how particle movement and energy affect this state.
   2. A minimum of 5 different pictures of plasma. Each picture should be clearly labeled and include a citation for the image.
6. A page on Bose-Einstein Condensate.
   1. A description of this state and how it’s created.
   2. A minimum of 2 different pictures of solids. Each picture should be clearly labeled and include a citation for the image.
7. A Works Cited page listing where you located your information. A link to MLA citation instructions is included on the 1.02 Task page.

**Booklet Point Values**

| **Booklet** | **Point Value** |
| --- | --- |
| Title page | 3 |
| Solids page with description | 4 |
| 5 pictures of solids with source credits | 5 |
| Liquids page with description | 4 |
| 5 pictures of liquids with source credits | 5 |
| Gases page with description | 4 |
| 5 pictures of gases with source credits | 5 |
| Plasma page with description | 4 |
| 5 pictures of plasma with source credits | 5 |
| Bose-Einstein Condensate page with description | 4 |
| 2 pictures of BE Condensate with source credits | 2 |
| Works Cited page | 5 |
| **Total** | **50** |