

# Learning Project Assignment Worksheet

|                       |                               |           |
|-----------------------|-------------------------------|-----------|
| <b>Project Title:</b> | Physical Properties of Matter | Page B-24 |
|-----------------------|-------------------------------|-----------|

|                      |  |  |  |
|----------------------|--|--|--|
| <b>Project Type:</b> |  | <b>Mandatory (Must include all of these)</b>                                 | <b>Optional</b>                              |
| <b>Intelligences</b> | <input checked="" type="checkbox"/> Report | <input checked="" type="checkbox"/> Verbal-Linguistic (Report/ Presentation) | Music-Rhythmic                               |
|                      | Presentation                               | <input checked="" type="checkbox"/> Mathematical-Logical (Charts/ Graphs)    | Interpersonal (Interviews)                   |
|                      | Display                                    | <input checked="" type="checkbox"/> Visual-Spatial (Graphic or Art Design)   | Intrapersonal (Your feelings/ Reaction)      |
|                      | Performance                                | <input checked="" type="checkbox"/> Body-Kinesthetic (Hands-on)              | Extrapersonal (Values, Ethics, Moral Issues) |

|                              |                  |  |
|------------------------------|------------------|--|
| <b>Project Requirements:</b> |                  |  |
| <b>Taxonom</b>               | 1. Language      | a) Introduction, b) Description, c) Discussion, d) Conclusions |
|                              | 2. Mathematics   | a) Chart (with numbers)  |
|                              | 3. Visual Design | a) Digital pictures and b) diagrams or drawings of processes   |
|                              | 4. Hands-on      | a) 1 ½ hours of Science Lab b) 45 min. of computer lab         |
|                              | 5. Other:        | List of what each team member contributed                      |

|   |  |
|---|--|
| <b>What not to included in Project:</b> |  |
| 1.                                      | Copying from encyclopedia or books                                       |
| 2.                                      | Work from only one group member  |
| 3.                                      | Electronic report (You will put the report together with notebook paper) |

|                         |  |
|-------------------------|--|
| <b>Specific Steps:</b>  |  |
| 1. Research             | a) Gather ideas on 3"x5" cards   |
| 2. Concept Outline      | Write outline  |
| 3. Charts or Graphs     | Create chart   |
| 4. Design Analysis      | a) Create drawings and b) Print digital pictures                                     |
| 5. Report/ Presentation | Fill in report template by taping, stapling or gluing components onto notebook paper |
| 6. Evaluation           | Team Evaluation  |

|                            |                                     |
|----------------------------|-------------------------------------|
| <b>Resources Required:</b> |                                     |
| a) People                  |                                     |
| b) Time                    | 1 ½ hours per day for five days     |
| c) Materials               | One floppy disk per group           |
| d) Library                 | On Wednesday                        |
| e) Internet                | At least 45 minutes in Computer Lab |
| f) Other                   | Science Lab time                    |

|                                 |                          |
|---------------------------------|--------------------------|
| <b>Goals Measuring Success:</b> |                          |
| a)                              | Report Contents – 35%    |
| b)                              | Report Labor Chart – 35% |
| c)                              | Graphics/ Drawings – 30% |

|                            |   |
|----------------------------|---|
| <b>Evaluation/ Rubric:</b> |   |
| a)                         | All components included - Scale 0 – 4                     |
| b)                         | All team members contributed - Scale 0 – 4                |
| c)                         | All team members cooperated - Scale 0 – 4                 |
| d)                         | Note: 30 pt. Penalty for any misbehavior or rule breaking |

|                          |                    |          |           |          |          |
|--------------------------|--------------------|----------|-----------|----------|----------|
| <b>Timeline:</b>         |                    |          |           |          |          |
| <b>When Due: 1-15-05</b> | <b>School Days</b> |          |           |          |          |
| <b>Task</b>              | Monday             | Tuesday  | Wednesday | Thursday | Friday   |
| Research                 | <u>x</u>           |          |           |          |          |
| Outline                  |                    | <u>x</u> |           |          |          |
| Chart                    |                    |          | <u>x</u>  |          |          |
| Pictures                 |                    |          |           | <u>x</u> |          |
| Write Report             |                    |          |           | <u>x</u> | <u>x</u> |
| Evaluation               |                    |          |           |          | <u>x</u> |