

# Activities

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# Mathematics Standards

|                                       | Problem Solving | Communication | Reasoning | Connections | Number & Number Relationships | Computation & Estimation | Patterns & Functions | Statistics | Probability | Geometry |
|---------------------------------------|-----------------|---------------|-----------|-------------|-------------------------------|--------------------------|----------------------|------------|-------------|----------|
| <b>Microgravity In The Classroom</b>  |                 |               |           |             |                               |                          |                      |            |             |          |
| <b>Accelerometers</b>                 |                 |               |           |             | ■                             |                          |                      |            |             | ■        |
| <b>Around The World</b>               | ■               |               |           |             | ■                             | ■                        |                      |            |             | ■        |
| <b>Inertial Balance</b>               |                 | ■             |           |             |                               |                          |                      | ■          |             |          |
| <b>Gravity-Driven Fluid Flow</b>      |                 | ■             |           |             | ■                             | ■                        |                      |            |             | ■        |
| <b>Surface Tension-Driven Flows</b>   |                 |               |           |             |                               |                          |                      |            |             |          |
| <b>Temp. Effects on Surface.....</b>  |                 |               |           |             |                               |                          |                      |            |             |          |
| <b>Candle Flames</b>                  |                 |               |           |             |                               |                          |                      |            |             | ■        |
| <b>Candle Flames in Microgravity</b>  |                 |               |           |             |                               |                          |                      |            |             |          |
| <b>Crystallization Model</b>          |                 |               |           |             |                               |                          |                      |            |             |          |
| <b>Crystal Growth and Buoy.....</b>   |                 |               |           |             |                               |                          |                      |            |             | ■        |
| <b>Rapid Crystallization</b>          |                 | ■             |           |             |                               |                          |                      |            |             | ■        |
| <b>Microscopic Observation of....</b> |                 |               |           |             |                               |                          |                      |            |             |          |
| <b>Zeolite Crystal Growth</b>         |                 |               |           |             |                               |                          |                      |            |             | ■        |

