
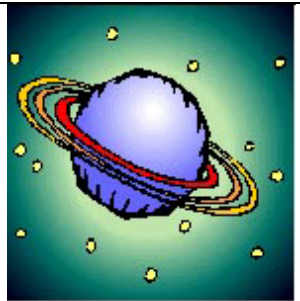
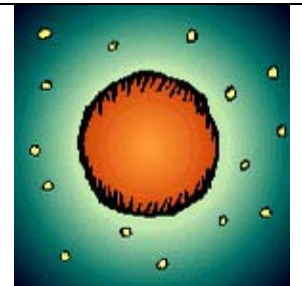





PLANETS – Tiered Assignments

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| <p>Knowledge (Remembering) List all of the planets in our solar system, including size, distance from sun, length of day and year, moons.</p> | <p>Analysis (Analyzing) Investigate the planets in our solar system. Compare, contrast and categorize the planets with a focus on size, distance from sun, length of day and year, moons, and atmosphere.</p> |  |
| <p>Evaluation (Evaluating) Recently it has been determined that Pluto is not a planet. Demonstrate what you know about Pluto and what constitutes a planet. Defend or refute this scientific decision.</p> |  | <p>Comprehension (Understanding) Using what you know about a chosen planet, explain why or why not life as we know it could survive. Show what would be needed for survival.</p> |
|  | <p>Application (Applying) As you know, the Earth's moon completes one orbit in approximately 29 days. Apply information that we know about Earth and its moon to another planet and its moon or moons.</p> | <p>Synthesis (Creating) Create a solar system that could exist in our universe if there was no sun. How would this system be different than the solar system we now know?</p> |

PLANETS – Project Menu

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|--|---|--|
| <p>Synthesis (Creating)</p> <ul style="list-style-type: none"> • Song • Poem • Story • Advertisement • Invention • Model • Other |  | <p>Evaluation (Evaluating)</p> <ul style="list-style-type: none"> • Editorial • Debate • Critique • Defense • Verdict • Judgment • Other |
| <p>Analysis (Analyzing)</p> <ul style="list-style-type: none"> • Survey • Plan • Report • Poster • Other |  | <p>Application (Applying)</p> <ul style="list-style-type: none"> • Model • Artwork • Demonstration • Craft • Other |
| <p>Comprehension (Understanding)</p> <ul style="list-style-type: none"> • Drawing • Diagram • Response to Question • Poster • Other |  | <p>Knowledge (Remembering)</p> <ul style="list-style-type: none"> • Workbook • Poster • Story Book • Fact Book • Other |

These charts were developed by Katie Ballard and Michelle Scott, who teach at Glencairn Elementary School in East Lansing. They have been using differentiate instruction along with Understanding by Design to create unit and lesson plans.