

Instructional Strategy: Generating & testing Hypothesis

References:

1. Using Technology with Classroom Instructions that Works: MCREL Consulting
2. Enhancing the Art & Science of Teaching with Technology: Robert Marzano & Sonny Magana

| Type of Technologies Used to Identifying Similarities & Differences | Technology Product | Web Address |
|---|---|--|
| Organizing & Brainstorming Software | Webspiration Software: <ul style="list-style-type: none"> • Kidspiration, • Inspiration • Webspiration | http://www.inspiration.com/ Use the root cause analysis template |
| Data Collection & Analysis Tools | MS-Excel Data Collection Probeware Global School | Create an interactive spreadsheet Global School Allows students to share and compare their data on a global level. |

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|---|--|--|
| Instructional Interactives: Simulations & Games | Reality Works | Reality Works |
| | Smog City | Smog City |
| | NOVA Building Big | NOVA Building Big |
| | Primary Access | Primary Access |
| | Plimoth Plantation's You are the Historian | Plimoth Plantation's |
| | Practicing with the Catapult | Practicing with the Catapult |
| | Zoo Matchmaker | Zoo Matchmaker |
| | Windward! | Windward! |

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| | Hurricane Strike | Hurricane Strike |
| | Explore Learning | Explore Learning |
| | Isaac Newton's Gravity HD | iTunes Store for iPads |
| | Angry Birds: Apply the Laws of Physics | Angry Birds |
| | Star Chart: iPads | Star Chart |