**6th Grade Science Curriculum for Students with APD**

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**Key Strategies:**

 **Visual Supports**: Use diagrams, charts, and pictures to reinforce learning, ensuring instructions are clear and easy to follow.

 **Written Instructions**: Provide step-by-step written or visual guides alongside verbal instructions to reduce confusion and reliance on auditory input.

 **Hands-on Learning**: Incorporate practical experiments and activities to engage multiple senses and reduce the dependency on verbal instructions.

 **Minimize Auditory Overload**: Break down complex auditory information into smaller, more manageable chunks, using pauses and repetition as needed.

**Weeks 1-2**

* **Focus**: The Scientific Method
* **Activity**: Conduct a simple experiment and record observations
* **Key Strategy**: Provide visual guides and written steps for each phase of the scientific method

**Weeks 3-4**

* **Focus**: Earth’s Processes
* **Activity**: Model volcanic eruptions and earthquakes
* **Key Strategy**: Use visual aids and written instructions

**Weeks 5-6**

* **Focus**: Human Body Systems
* **Activity**: Create detailed models and presentations of human body systems
* **Key Strategy**: Provide diagrams and written guides for each system

**Weeks 7-8**

* **Focus**: Genetics and Heredity
* **Activity**: Build a family tree to explore inherited traits
* **Key Strategy**: Use visual aids and written explanations

**Weeks 9-10**

* **Focus**: Environmental Science
* **Activity**: Research and present on local environmental issues
* **Key Strategy**: Provide visual aids and written research guidelines

**Weeks 11-12**

* **Focus**: Chemical Reactions
* **Activity**: Conduct simple chemical reactions and observe changes
* **Key Strategy**: Use visual guides and written procedures

**Weeks 13-14**

* **Focus**: Earth’s Resources
* **Activity**: Create a presentation on renewable and non-renewable resources
* **Key Strategy**: Provide visual aids and written research guides

**Weeks 15-16**

* **Focus**: Astronomy
* **Activity**: Build a model of the solar system and research celestial bodies
* **Key Strategy**: Use visual aids and written guides

**Weeks 17-18**

* **Focus**: Weather and Climate
* **Activity**: Analyze weather data and predict future trends
* **Key Strategy**: Use visual charts and written analysis instructions

**Weeks 19-20**

* **Focus**: Energy Forms and Transfers
* **Activity**: Explore different forms of energy through hands-on experiments
* **Key Strategy**: Provide visual aids and written instructions

**Weeks 21-22**

* **Focus**: Ecosystems and Biodiversity
* **Activity**: Create a biodiversity chart of local ecosystems
* **Key Strategy**: Use visual aids and written observation logs

**Weeks 23-24**

* **Focus**: Forces and Motion
* **Activity**: Investigate the effects of forces on various objects
* **Key Strategy**: Use visual aids and written instructions

**Weeks 25-26**

* **Focus**: Review and Project
* **Activity**: Develop a comprehensive project integrating all topics covered throughout the year
* **Key Strategy**: Provide visual examples and a detailed rubric for the project