**2nd Grade Math Curriculum for Students with APD**

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### Key Features of Math Curriculum for Students with Auditory Processing Disorder (APD)

1. **Visual Supports:** Since students with APD may struggle to process auditory instructions, the curriculum relies on visual aids like charts, diagrams, and manipulatives to explain concepts.
2. **Written Instructions:** All tasks, including problem-solving steps, are presented in written format. Key formulas, rules, and instructions are provided in clear, easy-to-read text.
3. **Minimized Reliance on Auditory Instructions:** Lessons avoid oral instructions as much as possible, and when necessary, instructions are paired with visual cues or written notes to reduce confusion.
4. **Chunking Information:** Concepts are broken down into small, manageable parts, allowing students to process information at their own pace.
5. **Hands-on Learning:** Use of manipulatives and interactive activities to solidify understanding. These concrete tools can help students grasp abstract math concepts.
6. **Structured Routine:** Consistent lesson formats and routines each week help students with APD focus and reduce cognitive overload from changing expectations.
7. **Repetition and Review:** Frequent review and practice of concepts already learned to ensure long-term retention and confidence in basic skills.
8. **Extra Processing Time:** Each lesson allows students enough time to process the information, reducing pressure and helping them work at their own pace.

**Weeks 1-4: Expanded Number Sense**

* Counting up to 100 with number lines and blocks.
* Visual aids for recognizing place values (ones, tens).
* Writing numbers up to 100.

**Weeks 5-8: Addition & Subtraction within 20**

* Step-by-step guides for addition and subtraction with numbers up to 20.
* Using visual supports (fingers, number lines) for problem-solving.
* Hands-on practice with math manipulatives.

**Weeks 9-12: Introduction to Money**

* Visual charts of coins and their values.
* Practice counting coins using real-life examples.
* Written exercises on coin identification and value matching.

**Weeks 13-16: Shapes & Geometry**

* Identifying and drawing 2D and 3D shapes.
* Labeling shapes with visual aids.
* Sorting objects by shape and size.

**Weeks 17-20: Measurement (Standard Units)**

* Introduction to inches and centimeters using rulers and visuals.
* Measuring objects around the room.
* Comparison of object lengths using written charts.

**Weeks 21-24: Time**

* Reading clocks (analog and digital) with visual examples.
* Writing time to the nearest hour and half-hour.
* Matching written times with visual clock images.

**Weeks 25-26: Review & Reinforcement**

* Reviewing addition, subtraction, and money.
* Extra practice with shapes, time, and measurement using hands-on activities.