Empowering Communication and Enhancing Independence: Coaching Strategies for success in therapy and effective use of AAC

Patricia Minnis, Ph.D, CCC-SLP, Southern University, Baton Rouge

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I. Mindset for Effective Coaching in Assistive Technology

- **Growth Mindset**
  - Encourage teachers to approach challenges in AT implementation with a growth mindset, seeing them as opportunities for learning.
  - Reinforce that using AT is an ongoing learning process.
- **Teacher Beliefs and Attitudes Toward Technology**
  - Address potential concerns such as AT being too complex or time-consuming.
  - Emphasize that AT enhances, rather than replaces, teaching practices.
- **Creating a Supportive Learning Environment**
  - Foster a culture of collaboration and learning, where mistakes are seen as part of growth.
  - Promote open communication to build trust and reduce resistance to AT implementation.

II. Partnership Learning: Collaboration Between Coaches and Teachers

- **Building Collaborative Relationships**
  - Coaching is a partnership, focused on shared goals.
  - Work collaboratively with teachers to assess student needs and select appropriate AT tools.
  - Respect and build on teachers' existing knowledge and experience.
- **Co-Creation of Goals**
  - Collaborate to set clear, achievable goals for the integration of AT in the classroom.
  - Align these goals with the student's individual education plan (IEP).
- **Ongoing Support and Feedback**
  - Provide consistent feedback and encourage reflective practice.
  - Adjust coaching strategies based on teacher progress and challenges.
  - Offer practical problem-solving and troubleshooting when difficulties arise.

III. Teaching vs. Coaching: Key Differences and Techniques

- **Teaching vs. Coaching Defined**
  - **Teaching**: Focuses on direct instruction and knowledge transfer.

- o **Coaching**: Focuses on guiding and supporting teachers in applying strategies to solve their own challenges.
- **Key Differences**
    - o Teaching is about demonstrating and explaining specific techniques.
    - o Coaching is about observing, offering feedback, asking reflective questions, and helping teachers find solutions that fit their context.
- **Coaching Techniques**
    - o **Observation**: Watch teachers use AT and provide actionable feedback.
    - o **Modeling**: Demonstrate the use of AT in real-time, showing how it can be integrated into daily lessons.
    - o **Reflective Dialogue**: Encourage teachers to reflect on their experiences and identify areas for growth.
    - o **Scaffolding**: Provide support in small, manageable steps, gradually allowing the teacher to take full ownership of AT implementation.

IV. Aided Language Stimulation (ALS)

- **What is Aided Language Stimulation?**
    - o A strategy in which communication partners model language by using the AAC system while speaking.
    - o Helps students learn how to use AAC systems by seeing them in action.
- **The Importance of ALS for Language Development**
    - o Provides both visual and auditory input, facilitating the learning of vocabulary and sentence structure.
    - o Allows students to see how AAC systems are used in functional communication.
- **Modeling ALS in the Classroom**
    - o Demonstrate AAC use during regular classroom activities such as lessons, transitions, and social interactions.
    - o Model how to ask questions, make requests, and respond using the AAC system.
- **Training Teachers in ALS**
    - o Give teachers hands-on practice with modeling language using AAC devices.
    - o Help teachers identify opportunities to model ALS throughout the school day.
    - o Encourage consistency in using ALS across environments to build the student's communication skills.

V. Implementation of AAC in the Classroom

- **Overview of Augmentative and Alternative Communication (AAC)**
    - o Definition: AAC refers to any method of communication used to supplement or replace speech.
    - o Types of AAC: Speech-generating devices (SGDs), communication boards, Picture Exchange Communication System (PECS), etc.

- **Steps for Effective AAC Implementation**
    1. **Assessment of Student Needs**: Work with the speech-language pathologist (SLP) to assess the student's communication needs and determine the appropriate AAC system.
    2. **Selecting the Right AAC Tool**: Choose the device or system that aligns with the student's communication goals and abilities.
    3. **Customizing AAC Systems**: Personalize the AAC system by adding relevant vocabulary, symbols, and features.
    4. **Creating Opportunities for AAC Use**: Plan classroom activities that promote frequent use of the AAC system throughout the day.
- **Teacher and Staff Training**
    - Provide comprehensive training on how to use and integrate AAC into classroom routines.
    - Train all staff members to ensure consistent use of AAC with the student across settings.
- **Monitoring and Adjusting AAC Use**
    - Regularly review the student's progress with the AAC system.
    - Make adjustments based on evolving communication needs and classroom dynamics.

VI. Overcoming Challenges in AT and AAC Coaching

- **Common Barriers**
    - Teacher resistance due to lack of familiarity or confidence with AT.
    - Limited access to training and resources.
- **Strategies for Overcoming Barriers**
    - Provide ongoing professional development and hands-on support.
    - Foster a community of practice where teachers can share experiences and problem-solve together.
    - Advocate for administrative support and time for AT implementation.

VII. Introduction to Assistive Technology (AT)

- **Definition of Assistive Technology**
    - Assistive technology encompasses tools, devices, and services that help individuals with disabilities perform tasks they would otherwise find challenging.
    - Examples include AAC devices, text-to-speech software, and adaptive switches.
- **Importance of AT in Education**
    - Helps students participate fully in class, improve their communication skills, and achieve independence.
    - Provides equitable access to the curriculum and enhances learning for students with disabilities.

- **Teacher's Role in AT Implementation**
  - Teachers play a critical role in ensuring AT is effectively integrated into classroom instruction.
  - It's essential for teachers to understand both the technical and pedagogical aspects of using AT.

VIII. Conclusion

- **Recap of Key Points**
  - Highlight the importance of mindset, collaboration, coaching techniques, and aided language stimulation in supporting teachers' use of AT and AAC in the classroom.
- **Call to Action**
  - Encourage teachers to embrace AT and AAC as tools for empowering students and improving communication.
  - Promote continuous learning and collaboration to ensure successful AT implementation.
- **Questions and Discussion**
  - Open the floor for questions and further discussion to address specific concerns or clarify concepts.