Presentation Outline: Practical AI Applications for the SLP

I. Introduction

A. Title: Practical Applications for the SLP: Artificial Intelligence

B. Presenter: ODEW Speech Therapy Regional Consultants Johanna Gilland and Jenny Pyles

C. Overview: Introducing AI as a supportive tool for special educators and Speech-Language Pathologists (SLPs).

II. AI Support Across SLP Responsibilities

A. **Workload & Administrative Tasks**

    1. Personal Assistants for scheduling and task management.

    2. Tools for lesson planning and creating materials.

    3. Image generation for visuals and AAC.

B. **Indirect Services**

    1. Drafting correspondence and translating communications.

    2. Assisting with report writing, session notes, and progress reports.

    3. Supporting the IEP writing process.

C. **Direct Services & Student Intervention**

    1. Generating student activities and games.

    2. Aiding in executive function by breaking down tasks.

    3. Summarizing complex texts for student comprehension.

    4. Enhancing accessibility with tools like Alt Text AI.

III. Ethical Considerations and Responsible Use

A. **Core Principles of Responsible AI**

    1. **Data Privacy:** Protecting Personally Identifiable Information (PII).

    2. **Algorithmic Bias:** Recognizing and mitigating potential biases in AI output.

    3. **Human Oversight:** Emphasizing the essential role of professional judgment.

B. **Compliance and Legal Frameworks**

1. Federal Regulations: HIPAA, FERPA, COPPA.

2. State-Specific Regulations: Ohio Senate Bill 29 & Data Privacy Agreements.

C. **Best Practices for Educators**

1. Critically review all AI-generated content for accuracy.

2. Involve diverse perspectives in decision-making.

3. Use AI as a tool to supplement, not replace, professional expertise.

IV. Practical Application: AI in the ETR and IEP Process

A. **Evaluation Team Report (ETR)**

    1. Prompting AI to summarize assessment results in parent-friendly language.

B. **Individualized Education Program (IEP) Development**

    1. Writing Present Levels of Performance (PLAAFP) and Student Needs statements.
    2. Generating SMART goals and short-term objectives.

    3. Drafting language for Specially Designed Instruction (SDI).

C. **AI for Therapy**

D. **Improving Communication and Compliance**

    1. Drafting effective and translated parent communications.

    2. Using AI to reference and cite federal (IDEA) and state guidelines.

V. Conclusion