

ASR INSTRUCTIONAL STRATEGIES

PaTTAN Bookshare Webinar Session 6

March 2016

Presley, I. (2015). *Audio Supported Reading (ASR)* [PowerPoint slides]. Used with permission from Ike Presley, National Project Manager, American Foundation for the Blind. Modified by Karen Narvol for use in PaTTAN Bookshare Webinar Session 6: Audio-Supported Reading.

ASR INSTRUCTIONAL STRATEGIES

Phase One: Start with high interest materials

- Locate or record 3-5 minute selections
- High interest topics
 - “Read Along” books for younger students
 - Use tone indexing or bookmarking between stories
- Prepare simple questions in accessible format
 - Who, What, When, Where
 - Sequential order
- One question per paragraph

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ASR INSTRUCTIONAL STRATEGIES

Continue high interest materials (3-5 min)

- Familiarize student with playback device/text reading software/ screen reading software
- Start/Play/Read, Pause/Stop, Increase/Decrease Speed, Change Voice, Navigation controls
- Student reads questions before listening
 - or teacher reads questions to student, or
 - Text reader reads questions, or
 - Screen reader reads questions
- Briefly discuss questions with student
- Student re-reads first question

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ASR INSTRUCTIONAL STRATEGIES

Continue high interest materials (3-5 min)

- Tell student he/she can
 - Stop at any time
 - Review question
- Tell student to
 - Start listening
 - Stop when he/she hears answer to question
- Teacher listens along with student

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ASR INSTRUCTIONAL STRATEGIES

Continue high interest materials (3-5 min)

- Student provides answer when he/she hears it
 - Verbal, print, braille
 - Type on computer, accessible PDA, etc.
 - Record on tape, digital recorder
- If student does not provide answer
 - Stop playback
 - Ask leading questions
 - Guide student to the answer

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ASR INSTRUCTIONAL STRATEGIES

Continue high interest materials (3-5 min)

- After answering first question
 - Student reads next question
 - Student continues listening to recording/text reader/screen reader
- Repeat these steps
- Finish listening to text
- Ask student to re-tell story in his/her own words

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ASR INSTRUCTIONAL STRATEGIES

Continue high interest materials (3-5 min)

- Prepare additional selections
 - Student's preferred reading medium
 - Braille, large print, regular print with optical device, text reader, screen reader, digital audio, etc.
- Repeat steps above
- Continue using different selections
- Student consistently achieves > 80% accuracy

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ASR INSTRUCTIONAL STRATEGIES

Continue high interest materials (3-5 min)

- Begin using one question for every two paragraphs
 - Student learns to listen for longer time before hearing answer
- Begin providing questions out of sequence
- Return to one question per paragraph
 - Sample order:
 - Paragraph 2, 1, 3, 5, 4, 6, etc.

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ASR INSTRUCTIONAL STRATEGIES

Continue high interest materials (3-5 min)

- Ask student about the kinds of questions that are being asked
- Guide student's understanding
 - Questions are asking:
 - Who
 - What
 - When
 - Where

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ASR INSTRUCTIONAL STRATEGIES

Continue high interest materials (3-5 min)

- Record/locate longer passages and stories
- Use short articles from magazines
- Return to sequential questions
- One question for every two paragraphs
- Have student read question before listening
- Remind student about pausing to re-read questions

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ASR INSTRUCTIONAL STRATEGIES

Continue high interest materials (3-5 min)

- Start introducing some How and Why questions
- Reintroduce non-sequential questions
- Continue until > 80% accuracy

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ASR INSTRUCTIONAL STRATEGIES

Continue high interest materials (3-5 min)

- Move on to short chapters in books
- With each phase, return to
 - Sequential questions
 - One question per paragraph
 - Expand to one question per 2-3 paragraphs
 - Bring in non-sequential questions
- Continue to > 80% accuracy

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ASR INSTRUCTIONAL STRATEGIES

Continue high interest materials (3-5 min)

- Next:
 - Do not provide questions before reading
 - Ask student to stop after x number of paragraphs
 - Ask two or three simple sequential questions about content just heard
 - Once student demonstrates proficiency, start asking non-sequential questions

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ASR INSTRUCTIONAL STRATEGIES

Continue high interest materials (3-5 min)

- Next:
 - Ask student to read a selection at home
 - Discuss the content with the student
 - Do not make it a quiz. Just a discussion.
- Objective:
 - Provide experiences that allow students to realize that accessing information through the use of ASR can be a fun way to learn about things

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ASR INSTRUCTIONAL STRATEGIES

Phase Two: Introduce reading selections that are less than high interest

- Consult reading/learning disabilities specialists/consultants
- Locate text selections with prepared questions
- Look for materials that have been recorded or can be used with text reading or screen reading software (e.g., Bookshare, Learning Ally)

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ASR INSTRUCTIONAL STRATEGIES

Continue reading selections less than high interest

- Student listens to audio
 - Follows in braille, large print, print with magnification, text reading software
- Use steps in Phase One
- Continue until student consistently achieves > 80% accuracy

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ASR INSTRUCTIONAL STRATEGIES

Phase 3: Introduce Schoolwork & Textbooks

- Record or acquire recordings
 - Social studies or literature textbooks
- Begin with last week's chapter
- Ensure success on first experience
- Use same strategies as with high interest materials

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ASR INSTRUCTIONAL STRATEGIES

Continue Schoolwork & Textbooks

- Create outline of chapter
 - Headings
 - Sub-headings
 - Blanks for answers to questions
- One to two questions per sub-section of chapter
- Student inserts text in appropriate places
- Student adds additional information he/she thinks is important

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References

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