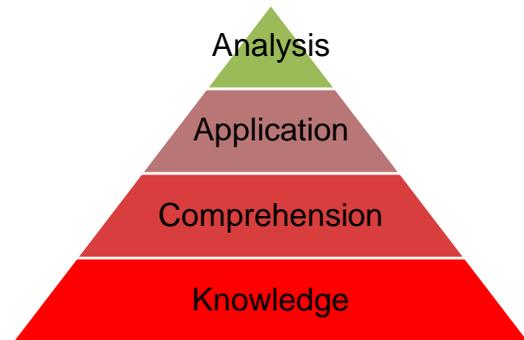


# Coder Training & Reliability Procedures

To be a reliable SABR 2.2 coder, coders should complete the steps below. Note that coding is a task that requires higher-order thinking skills; coders are expected to use increasingly sophisticated reasoning skill, like show in this figure. Following these step-by-step procedures ensure that coders will be able to analyze complex behavioral data.



1. **Know the Codes:** Carefully read the **SABR manual**. The Principal Investigator will select either the SABR Short-Form/Video Coding Manual or the SABR Long-Form/Transcript Coding Manual to fit the project's data.
  - *Learner objective – Knowledge:* Coders should be able to name codes at this stage.
2. **Practice Describing Codes:** Review the **training slides** and the **training videos** during a group or self-paced training.
  - *Learner objective – Comprehension:* Coders should be able to describe and define codes at this stage; ask the lead coder/Principal Investigator questions to improve conceptual understanding.
3. **Practice Classifying Behaviors: Practice coding** teacher/child behaviors and classifying them with the correct code using practice videos (or transcripts if (s) and videos with a reliable coder/supervisor).
  - *Learner objective – Application:* Coders should be able to distinguish codable teacher/child behaviors and classify them accurately in practice coding materials. This is a key stage to discuss any misconceptions or errors before attempting reliability coding.
4. **Apply Codes Accurately:** Complete coding for a series of three **reliability videos #1, #2, and #3**. Submit each one to the coding supervisor for feedback before coding the next video.
  - *Learner objective - Analyze:* Coders should be able to distinguish codes with an average agreement level across all items that is  $\geq 85\%$ . If coders are unreliable, they should review manuals, training materials, and ask questions; then, complete an additional reliability video (or more) until each coder has three videos that meet this reliability threshold.
5. **Code! Code! Code!:** When coders have met this reliability criteria, they are released to **code real data independently**. Most coders are required to code between 5-10 videos per week, but coding assignments will be determined by the lead coder.
  - *Coder objective – Analyze Data:* Coders should focus on both accuracy and efficiently meeting their weekly coding goals.
  - **Coding rules:**
    1. Coders must log what data they are coding in the team's tracking sheet.
    2. Coders must keep their manual with them for reference during coding.
    3. Coders must participate in regular coding team meetings and/or review written communication about coding updates/clarifications.
    4. Ask the lead coder about any complex or unfamiliar utterances. There will be behaviors coders are unsure how to code and these must be taken up the chain to ensure a consistent decision is made and communicated to the team.
6. **Monitor Coding Accuracy:** Coders must meet drift check reliability standards. You will be blindly assigned quiz videos every 6 weeks. If you do not demonstrate reliability of  $\geq 85\%$  on these videos, you must stop coding and begin a retraining process.
  - You might consider holding **weekly coding meetings** to discuss difficult coding decisions.