Figure 7.1 The Talent Aptitude Learning Progressions: Cross-Domain Aptitudes of Innovators (Student Version)

Cross-Domain Talent Aptitudes	Emerging	Progressing	Advancing
1. Curiosity Seeks new ideas; asks thoughtful, searching questions; is inquisitive; observes, explores, and investigates keenly and alertly in any environment.	I am mostly interested in ideas and environments that are familiar to me.	I am interested in new ideas and environments, and I ask questions that I can explore.	I am eager to learn new ideas, and I investigate new environments to find answers to my questions.
2. Logical Reasoning Draws conclusions from facts or premises; observes patterns and infers rules; hypothesizes and tests; uses a systematic process to make sound judgments and form sensible arguments.	I use evidence to draw conclusions and form arguments.	I draw conclusions and form sensible arguments based on evidence.	I use evidence to make convincing arguments and justify sensible solutions.
3. Creativity Has unusual or clever ideas; enjoys brainstorming, imagining, or divergent thinking; is inventive; discovers unusual connections; initiates new projects.	I sometimes think of ideas about how things could be improved. I like to follow a model or pattern that already exists.	I think of ideas for new projects and can imagine how things could be improved. I sometimes put these new ideas into practice.	I enjoy thinking of different and unusual ideas. I often imagine what could be improved and discover new ideas for projects.
4. Insight Is keenly observant and aware; is intuitive; perceives new patterns and relationships; readily grasps concepts and applies them to new situations.	I recognize patterns and relationships when given examples. I understand by following models.	I recognize patterns and relationships and understand ways to apply these to new situations.	I look for and quickly recognize patterns and relationships. I think of ways to apply understandings in new situations.
5. Persistence Focuses time and energy on a topic of interest; looks for more than one way to accomplish a task; continues in spite of difficulty; strives to improve and refine; tests and verifies; may resist closure.	I work on a task for what I think is enough time and then stop, even if I am not finished.	I continue working on a task with enough time and energy to complete it, unless it's too difficult.	I focus my energy and time on a task and keep working when it is difficult, trying different ways to improve and refine.
6. Metacognition Understands own thought processes; self-selects appropriate problem-solving strategies; plans; self-monitors, reflects, assesses, and corrects; learns from mistakes.	I start working on a task or solving a problem before thinking about the best way for me to complete it. I'm not sure how to use the feedback I'm given to improve my work.	I think about the best way for me to solve a problem or complete a task before I start it. I can use the feedback I'm given to improve my work and learn from my mistakes.	I understand how I think, learn, and solve problems, and I use that knowledge to complete tasks. I think about how I can improve and learn from my mistakes.
7. Leadership Motivates others to achieve a goal; initiates ideas and listens to concerns of others; influences others to adopt and participate in a plan of action; organizes others to implement a plan.	I can work with others to follow a plan of action to achieve a goal.	I can set goals and work with others to achieve a plan of action.	I have a vision for what I want to achieve and can persuade others to participate in my plan of action.