Team Challenge

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Difficulty 1 | **30 minutes** | **small group**

Tags: Group Development, Literacy, Problem Solving

App/Tech Tools	Defused! app, MERGE Cube, MERGE Headset (optional), device (phone/tablet)
Materials	Anecdotal note grid or other way to take notes on student observations, 1 Cube stand per group

Learning Objective

To observe and make notes on students as they work together in groups. You are focusing on those that fall into personality types you see in the class: • Leader or take over • Quiet or talker • Misunderstood or lost • Idea giver • Comedian • Listener • Etc.

Activity

1. *Explain your expectations using technology if you have not already done so.

2. Introduce students to the MERGE Cube and how to properly utilize it with the device and stand. Make sure to point out that the MERGE Cube is augmented reality (interaction with the real world that is "augmented" by technology).

    Introduction video: ▶ Video 1

3. Randomly group students based upon the number of devices you have available.

4. Explain to the students that they will be working together to solve the puzzle of diffusing the Cube using the Defused! App and that you expect everyone to participate within their groups.

5. Start a list of what students think "leadership", "teamwork" and "school family" means to them.
    (see example chart below)

	Leadership	Teamwork	School Family
Before			
After			

6. What expectations do they have of their groups before they begin?

7. You can show the website for the app for a preview: ▶ Video 2

8. If you really want to see how they work under pressure you can offer prizes for placement.

9. Have students work on the Defused! app to solve the puzzle.

10. While students are working, walk around making notes/observations on the personality types you are seeing in the classroom. Watch how they interact to solve the puzzle.

11. Look at your leaders vs over takers, your talkers vs your quiet mouse, your off task vs hyper focused, your out of the box thinkers vs your concrete thinkers, etc.

12. Once you bring everyone back together, inquire about the experience.

Suggested Questions

- What did students think about the task – was it easy or hard?

- What might they have done differently while working on the task?

- How did their beginning expectations compare now that the task is over?

- How do the students perceptions of "leadership", "team work" and "school family" compare after the task?

- Point out to students some of the personalities you saw and how those can be helpful in a school family and the need to include everyone when working together to solve problems (academic or social).

- List some of the personality types you saw in the classroom and have students think about what type they fall into and how they can use this to help their peers.

    Click here for a great website to look at and gain information to explain personality types.