

Team Fort Enclosure:

A Cooperative Learning and Problem-based Learning Challenge

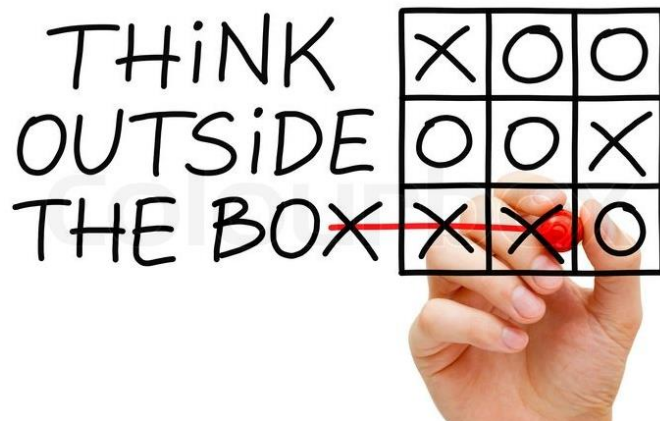
Colleges and universities have long been recognized as institutions that launch crazy fads. In the 1950's and 1960's, stuffing as many people as possible into a phone booth was very popular on college campuses. While it was an absurd trend, it did require a great deal of creativity, cooperation, and problem solving ability.

Directions:

In the spirit of *phone booth stuffing*—and, to test your levels of creativity, cooperative spirit, and problem solving ability, use the Crazy Fort® building materials to build a fort that will enclose your entire problem-solving team.

Limitations:

1. The completed fort must have walls and a roof.
2. Make sure that the arrows are always pointing upward on the connector balls
3. Don't cut or bend any materials
4. Twist the green sticks to insert and remove from the connector balls
5. The structure must enclose your entire problem-solving team
6. If you can fit more than your team, and you have volunteers; go for it!



Questions: Answer on back of page

1. What type of structure did you create?
2. Did you find any loopholes that you could exploit? (thinking outside the box)
3. What strategies and techniques did you use to design your structure?
4. Did your initial design solve the problem, or did you have to move on to Plan B?
5. How did your team define the term "enclose?"