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***Using Student Learning Styles through the***

***High School Classroom Design Challenge***

 Designing a High School Classroom

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| ***Interior Design Project******Introduction:*** Your district has decided to re-design high school classrooms. You are part of a team of Interior Designers who work with schools and communities to create new and improved “functional” classrooms designed to promote the success of all students in the classroom. The leadership of the school has encouraged design teams to have fun with this project and create classrooms appropriate for 25 students.  |
| ***Goal:*** Design a classroom for 25 students that will be used by high school students and their teacher. Your team will need to create a classroom environment that can help students learn in a comfortable space that is also engaging. We want students to be excited about being in this space and learning!

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| **ST** | **SF** |
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 | ***Task:*** Create an artist rendering of your classroom design Your design should include a scale drawing of the classroom including a furniture plan for this new space. You will need to think about classrooms and what furniture is included (student desks, teacher desks, filing cabinets, etc.) as well as consider what other furniture, technology, or objects you would add to create an ideal learning environment. Your plan should include:1. The dimensions of the classroom
2. The dimensions of individual furniture, and
3. The amount of space that is needed for aisles and to pull out chairs.

**\*\*\*Be sure to include all measurements, labels, and the scale of your drawing.**  |

**Science Component:**

Using the CER Model (Claim, Evidence, Research Model) design a specific research question around the project. For example, what are the environmental concerns regarding classroom air quality?