



InVenture Grouping Considerations

Teachers will have options when deciding how they would like to divide students for design groups for the InVenture Challenge.

Ultimately teachers know their students best, but do need to consider choices.

Georgia Tech recommends 2 to 3 students per group. It was the experience of the four elementary schools' teachers in the pilot year of InVenture that three students per group worked best.

Option 1: Randomly choose students to form groups and have them work through each step of the design process together.

Option 2: Teacher selects groups based on who he/she feels will complement each other best with strengths and weaknesses, as well as, what student combinations will be most focused and productive.

Option 3: Allow students to go through the initial *Empathize* stage on their own which includes creating a list of "things that bug them." Students will share their top 5 problems they are most interested in pursuing and share them in class or on Edmodo. Students will form their own groups based on similar interests.

New Students to 5th Grade:

Another consideration for teachers is how they will incorporate newly qualified 5th grade students once they join the gifted classroom in January. Remember that initial InVenture competitions take place in February so there will be an overlap. Here are options:

Grouping: Students will form their own teams and complete an accelerated process of the design challenge. In the first year of this program at the elementary level, a newly formed 5th grade team in January earned a spot in the top 3 teams of their school to compete at Georgia Tech in April.