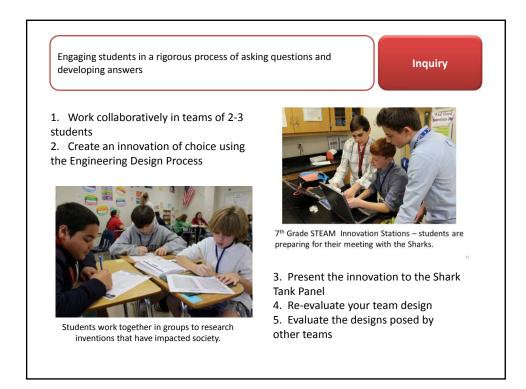
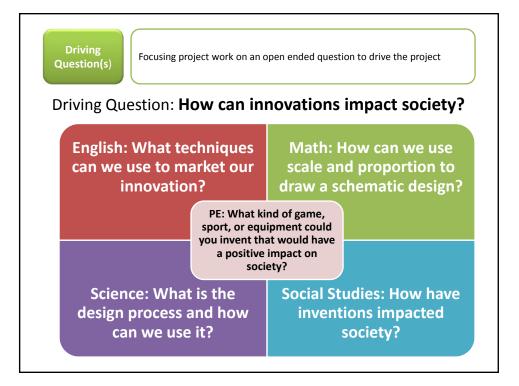
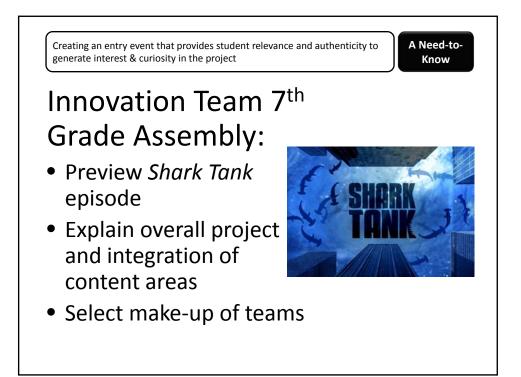


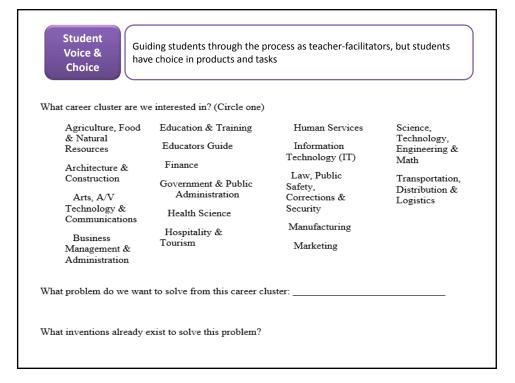
Significant Content • Aligning to SC Curriculum Standards • Building Enduring Understandings							
Enduring Understanding: Humans have a direct or indirect impact on their world by the inventions/innovations they design.							
ELA: Research informational and argumentative writing RI 7.1, 6, 8, 9 W 7.1, 7, 8	Math: Explore the need for accuracy and precision in measurements in order to produce scale drawings 7G.A.2, 3, 5 7G.B.4, 6	PE: Work cooperatively within a group to establish and achieve group goals in competitive as well as cooperative physical activity settings	Science: investigate the processes involved in engineering and technological design SI 7-1	Social Studies: understand the far reaching impact o the Industrial Revolution on the political, social and economic aspects o society—then and now SS 7-3.4			

21 st Century Proficiencies Developing skills and competencies critical to the 21 st Century workplace							
Critical thinking	Creativity	Collaboration	Communication				
 Research the impact of inventions Explain the difference between an invention and an innovation Produce an accurate scale drawing 	 Create a sales pitch for your design using argument strategies 	 Brainstorm a team idea of an invention or innovation that will have a positive impact on society 	 Pitch your design to a business team Post marketing pitch to Edmodo Critique and evaluate the team design and the designs of other teams 				



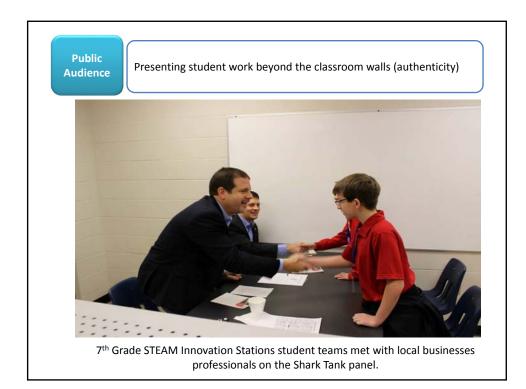


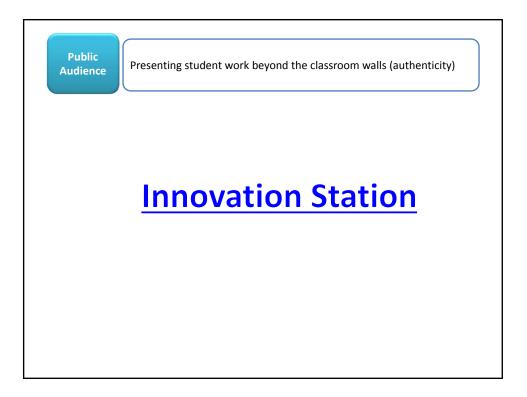


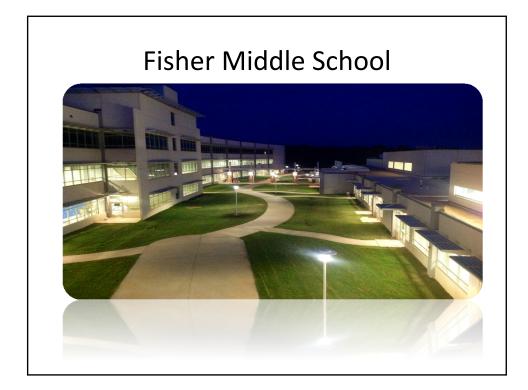


				Revision			
STEAM SPORTS/GAME Rubric							
Category	Proficient	Basic	Needs Improvement				
Preparation And Collaboration	Student has attempted to work with everyone in group to decide a project; research of ideas	Student has attempted to work with at least one or two others to decide a project.	Student has not attempted to decide on a project or to work with anyone else	Rubrics were			
Creativity and Content OBJECT OF THE GAME/SPORT PURPOSE OF THE EQUIPMENT	Student has shown evidence of using the 8 steps to invent a sport/game. The project demonstrates original personal expression	Student has worked with the group to brainstorm and choose a name for the sport or game, some originality	Student shows little evidence or no evidence of using the steps to invent a sport/game. Lacks originality	used at each phase of the project.			
Organization and Neatness of design/sketches	Student has shown evidence of choice, design, rules, space/place, needs	Student has shown evidence of choice and design	Student has shown no evidence of choice or design.				

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Key Design Elements to Support the Instructional Focus

- Building designed as a learning tool, with Academics Division included on the planning team from the onset of the design process
- Planning team (facilities, project manger & Academic members) met with architectural firm to design the school around the curriculum
- Open spaces for maximum student collaboration
- Collaboration Room for teachers (no "assigned" classrooms for teachers)
- Differentiated learning spaces to accommodate Project-Based Learning & STEAM focus





- Digital Storytelling Lab
- Piano Keyboarding and Composition Lab
- Innovation Lab
- Project/Prototype galleries



