

Engineering Design Process

<p>Minigame</p> <p>Power-Up</p> <ul style="list-style-type: none"> ◆ Snake Trap ◆ Ring Race ◆ Pip Hop ◆ Explosive Escape ◆ Dark Maze ◆ Chest Quest <p>How do the minigames help you complete challenges on the planets?</p>	<p>Describe how you designed your robot in Bot Builder. <i>What steps did you take?</i></p> <p>Describe the steps you took to complete Pip Hop.</p>	<p>The Engineering Design Process</p>
<p>Design Your Own Minigame</p> <ol style="list-style-type: none"> 1. Who will play your minigame? 2. What ability would the player gain through the minigame? 3. Plan, design, then create a poster for your minigame. 	<p>Redesigning a Traffic Stop</p> <ol style="list-style-type: none"> 1. What kind of programming did you use during the Stoplight Project? 2. What do you have to consider when designing a four-way stop? 	<p>Solving a Problem with Engineering</p> <p>What is the problem?</p> <p>What do you know about the problem?</p> <p>What are some possible solutions?</p> <p>What will your solution look like?</p> <p>What steps would you take to create your solution?</p>