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| **Teacher S. Hatfield** | **Subject LEGO Robotics** | **Week 1-3** |  |
| **National Technology Standards** | **Learning Target** | **Procedures/Activities** | **Thinking**  **Strategies** |
| * Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology * Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. * Students use critical thinking skills to plan and conduct research, manage projects, solve problems and make informed decisions using appropriate digital tools and resources. | Day 1 | |  |
| I can manipulate the modes and parameters of the code to control my robot and complete the task | Go over details for the day’s lesson. Review yesterday’s activities. Give new assignment to class for those ready to move on.  Move into groups and build/test programming  Review the days activities | * Monitoring for Meaning * Schema * Asking Questions * Drawing Inferences * Determining Importance * Creating Sensory Images * Synthesizing Information |
| Day 2 | |  |
| I can manipulate the modes and parameters of the code to control my robot and complete the task | Go over details for the day’s lesson. Review yesterday’s activities. Give new assignment to class for those ready to move on.  Move into groups and build/test programming  Review the days activities | * Monitoring for Meaning * Schema * Asking Questions * Drawing Inferences * Determining Importance * Creating Sensory Images * Synthesizing Information |
| Day 3 | |  |
| I can manipulate the modes and parameters of the code to control my robot and complete the task | Go over details for the day’s lesson. Review yesterday’s activities. Give new assignment to class for those ready to move on.  Move into groups and build/test programming  Review the days activities | * Monitoring for Meaning * Schema * Asking Questions * Drawing Inferences * Determining Importance * Creating Sensory Images * Synthesizing Information |
| **Critical Vocabulary** |
| Mode  Parameter  Robotics  Trial and error  Engineering Design Process  Redesign  system |
| Day 4 | |  |
| I can manipulate the modes and parameters of the code to control my robot and complete the task | Go over details for the day’s lesson. Review yesterday’s activities. Give new assignment to class for those ready to move on.  Move into groups and build/test programming  Review the days activities | * Monitoring for Meaning * Schema * Asking Questions * Drawing Inferences * Determining Importance * Creating Sensory Images * Synthesizing Information |
| Day 5 | |  |