|  |  |  |  |
| --- | --- | --- | --- |
| **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 programmingReview 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 programmingReview 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 programmingReview the days activities | * Monitoring for Meaning
* Schema
* Asking Questions
* Drawing Inferences
* Determining Importance
* Creating Sensory Images
* Synthesizing Information
 |
| **Critical Vocabulary** |
| ModeParameterRoboticsTrial and errorEngineering Design ProcessRedesignsystem |
| 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 programmingReview the days activities | * Monitoring for Meaning
* Schema
* Asking Questions
* Drawing Inferences
* Determining Importance
* Creating Sensory Images
* Synthesizing Information
 |
| Day 5 |  |