|  |  |
| --- | --- |
| Woodland S.T.E.A.M. Integrated Plan | |
| Grade Level: | Time Frame: |
| Ask: What is the big idea of your unit? | |
| Focus Standards  Math:  Science:   * *Regular standards* * *Art and Music standards are on the Teacher Share, STEM folder* * *Delete standards you are not addressing in the lesson*   ELA:  Social Studies:  Art:  Music: | |
| Essential Question(s)  *State one learning target here. This should be directly related to the challenge.*   * Essential Questions – What should the students be able to explain? Understand?  |  |  | | --- | --- | | Essential Question | Not Essential Question | | |  |  | | --- | --- | | * *What do effective problem solvers do when they get stuck?* |  | | *What steps did you follow to get your answer?* | | |  | | --- | | * *What is a true friend?* | | |  | | --- | | * *Who is Maggie's best friend in the story?* | | | Key Vocabulary Terms  *Make sure the vocabulary words are rigorous and are used in the lesson*   * How will students learn the vocabulary? * How will they build their schema? |
| Technology Needed  *List any technology needs including use of powerpoint, flipcharts, or other digital support* | Supplies Needed  *List all supplies needed to complete the lesson* |
| Teaching the Target  Ask:   * *How can I engage my students in the lesson?* * *What is the entry event?* * *What is the hook?*   Imagine:   * *Think about how you can integrate the curriculum.* * *Use the curriculum maps for guidance* * *What connections can I help students make across the curriculum?* * *What standards do I need the students to Know, understand, and learn?* * *What can I do to let students explore/discover this idea before explicit teaching occurs?*   Plan:   * *Include steps that will be taken to move the students from one area to the next.* * *Determine the integrated task/tasks that students will be expected to complete* * *What materials and resources are needed?* * *What is the teacher doing vs. the students?* * *Is more time given to student work or teacher talking?* * *How will students demonstrate their learning? project, presentation,* * *Will they assess each other’s work? Will there be a rubric? Will they ask each other questions? Will they share with the whole class, another class, an adult, a small group, or just a peer?* * *How will you differentiate?*   Create:  *Implement your lesson(s) and any supplemental materials that will be needed including assessments, task.*  Improve:   * *Reflect on each aspect and make notes of any changes/additions that will help grow student thinking and doing.* * *How will you re-teach, remediate, extend/enrich?* * *How can I make this more rigorous?* * *How can I make this more relevant?* * *What other curricular connections can be made?* * *Note changes on your curriculum maps to use as a guide for future planning.* | |
| Assessment:  *Will this be assessed for a grade? How will you asses the work? Will they have a rubric, test, quiz, or a journal entry?* | |
| Career Connection: *Who can be invited from the community to talk to your students? Skype, in-person, field trip* | |