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| Woodland S.T.E.A.M. Integrated Plan |
| Grade Level: | Time Frame: |
| Ask: What is the big idea of your unit? |
| Focus StandardsMath: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?

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| Essential Question | Not Essential Question |
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| * *What do effective problem solvers do when they get stuck?*
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 | *What steps did you follow to get your answer?* |
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| * *What is a true friend?*
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| * *Who is Maggie's best friend in the story?*
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 | 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?
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| 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 TargetAsk: * *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.*
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| 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* |