

Science Independent Research Project

Evidence of Knowledge #1: Content

For Each Unit, every student will create a powerpoint, prezzi, haikudeck, or website that covers all I Can statements and Vocabulary for that Unit.

- All I can statements must be answer in complete sentences or with bullet points if you include the I Can Statement
- Underline vocab and include definition to explain, if not explained in answer.
- One visual per slide including a citation (google is not a citation). Visual cannot be an answer by itself.
- You can only answer one I can statement per slide, and you must include color in all slides.

Ppt	5	4	3	2	1
I Can Statements	All are addressed correctly and completely.	75% are addressed correctly and completely.	50% are addressed correctly and completely.	25% are addressed correctly and completely.	Less than 25% are addressed correctly and completely.
Neatness and Color	1 I can statement per slide and includes color and complete sentences or bullet points with questions.	1 I can statement per slide and includes color or complete sentences or bullet points with questions.	More than 1 I can statement per slide or includes color and complete sentences or bullet points without questions.	More than 1 I can statement per slide, little color, and it is difficult to find your answers.	Very difficult to find your answers.
Vocabulary	All vocab is included and underlined. If not defined in your answer, vocab word is defined.	75% of vocab is included and underlined. If not defined in your answer, vocab word is defined.	50% of vocab is included and underlined. If not defined in your answer, vocab word is defined.	25% of vocab is included and underlined. If not defined in your answer, vocab word is defined.	Less than 25 % of vocab is included and underlined. If not defined in your answer, vocab word is defined.
Visual	All slides include an image that relates to I Can statement and includes a website as a citation.	75% of slides include an image that relates to I Can statement and includes a website as a citation.	50% of slides include an image that relates to I Can statement and includes a website as a citation.	25% of slides include an image that relates to I Can statement and includes a website as a citation.	Less than 25% of slides include an image that relates to I Can statement and includes a website as a citation.

PTTs are due the day before any Unit Test.

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Evidence of Knowledge #2: Creative Visual

All students will do one creative visual project for every two units. Choose one goal(s) from each list, and design a creative and visual way to show your understanding of that concept. Two rubrics are provided below for several types of projects, but do not let these limit your imagination. Talk to your teacher if your idea will be different from those listed.

- The emphasis is on creativity, understanding of concept, and time spent. Choose your medium and goal carefully to best display all three of these categories.
- All students will present only one of their projects per semester, _____ randomly chosen each time. This will be a separate grade. **Therefore, project should stand alone; presentation is supplemental.**

Creative Due Dates	Units	Goals to Choose From
	1 and 2	1.1.1, 1.1.2, 1.1.3, 1.2.1
	3 and 4	1.2.2, 1.2.3, 4.1.1, 4.1.2, 4.1.3, 4.2.1, 4.2.2
	5 and 6	3.1.1, 3.1.2, 3.1.3, 3.2.2, 3.2.3
	7 and 8	3.2.1, 3.3.1, 3.3.2 & 3.3.3, 3.4.1, 3.4.2 and 3.4.3, 3.5
	9 and 10	2.1.2, 2.1.1, 2.1.3, 2.1.4, 2.2

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Model Painting Mosaic Poster Children's Book Comic Strip Newsletter	5	4	3	2	1
Creativity	Creative thinking in materials and way subject is presented.	Creative thinking in materials or way subject is presented.	Project that uses typical materials and presentation.	Very little creative thought is evidenced.	Turned in a project.
Understanding of Concept	Project shows a deep understanding of the concept and goes beyond what I Can list.	Project covers all I Can statements.	Project covers most (at least 75%) of the I Can statements.	Project covers half of the I Can statements.	Project had something to do with topic.
Time and Effort	Shows a great deal of time effort, and thought. (Neatly done and visual appealing ; all components are handmade)	Shows evidence of time effort, and thought. (Somewhat neatly done and visual appealing)	Shows moderate evidence of time effort, and thought. (Neatly done or visual appealing)	Shows little evidence of time effort, and thought. (Not neatly done or visual appealing)	Shows no evidence of time and effort. (pasta glued to paper)

Song Poem Dance	5	4	3	2	1
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PSA Newsbroadcast Video Stop Animation					
Creativity	Creative thinking in materials and way subject is presented. (mixing media, use of props, etc.)	Creative thinking in materials or way subject is presented. (some attempt to mix media)	Project that uses typical materials and presentation. (no attempt to mix media)	Very little creative thought is evidenced.	Turned in a project.
Understanding of Concept	Project shows a deep understanding of the concept and goes beyond what I Can list.	Project covers all I Can statements.	Project covers most (at least 75%) of the I Can statements.	Project covers half of the I Can statements.	Project had something to do with topic.
Time and Effort	Shows a great deal of time effort, and thought. (Neatly done and visual appealing)	Shows evidence of time effort, and thought. (Somewhat neatly done and visual appealing)	Shows moderate evidence of time effort, and thought. (Neatly done or visual appealing)	Shows little evidence of time effort, and thought. (Not neatly done or visual appealing)	Shows no evidence of time and effort. (pasta glued to paper)