

Rubric for Scientific Content criteria

Criteria	High (5)	Medium (4 – 3)	Low (2 – 1)	Not present (0)
Relevance of science to the topic	Story line has a purely science focus & all science ideas presented are relevant to the topic	Story line has a mostly science focus & most science ideas presented are relevant to the topic	Story line has limited science focus and / or science ideas presented aren't always relevant to the topic	The topic has no relevance to science
Appropriate amount of science content included in the story	High science focus throughout all the story	Mostly science focus throughout most of the story	Some science focus in parts of the story	Story is not about science ideas or content
Accuracy of science content	Accurate explanation of scientific ideas showing thorough understanding	Mostly accurate explanation of scientific ideas showing good understanding	Basic explanation of scientific ideas showing some understanding	Science content lacks accuracy or is absent
Integration of science content into writing	Five or more scientific ideas clearly present in the story and well integrated into main storyline	Four or five scientific ideas present in the story and good attempt to integrate into main storyline	Less than four scientific ideas present in the story and / or only a few integrated into main storyline	Science content not integrated into the writing
Originality and creativity	Story is clearly original and written in own words, develops an intriguing storyline & keeps reader fascinated and enthralled	Story is mostly original and written in own words, develops a good storyline, keeps reader's interest & entertains reader	Story is mostly original and mostly written in own words & there is some development of a storyline, but it doesn't always keep reader's interest	The story is not in student's own words or copies the idea of a well-known story
Appendix: Five key science ideas/terms	Five relevant & accurate ideas listed.	Three or four relevant & accurate ideas listed & outlined	One or two ideas listed & outlined	No science ideas listed
Appendix: Explanation of key scientific ideas/terms (2-3 sentences)	Five or more relevant ideas explained. Science is accurate & clearly outlined in own words	Five relevant ideas explained. Science is mostly accurate & is in own words	Less than five ideas explained. Science is mostly accurate OR Five ideas developed, but science isn't accurate or is poorly outlined	No science ideas explained