

UWL MOCK AAAS SCIENCE BOOKS AND FILMS AWARD RUBRIC – ELEMENTARY

NOT MET	ADEQUATE	CRITERIA	GOOD	EXEMPLARY
		The book is engaging to children in grades K-4.	I think that this book would be most engaging to children in 3 <sup>rd</sup> or 4 <sup>th</sup> grade. I think that they would enjoy making the connection between the genetics of the pea pods and their own genetics.	
	Although I feel the content of genetics in this book is very important, I don't necessarily see it clearly defined in the topics in the DPI planning guide. However, I think that "showing how the work of scientists has changed throughout history" (B.8.1.b.) is aligned with this book because at Gregor Mendel's time, no one understood his discoveries of genetics.	The science content of the book is aligned to science content (at least one topic) identified for grades K-4 in the WI Department of Public Instruction draft "Supplement to the Science Curriculum Planning Guide"		
		The book is appropriate for children in grades K-4.		I think this book is most appropriate for children in grades 3 <sup>rd</sup> and 4 <sup>th</sup> .
		The books contains no serious errors or deficiencies in explanations of science content or processes.	I found no errors or deficiencies in the science content in this book.	
		Although written for young children, the book successfully examines important scientific concepts without perpetuating stereotypes or misconceptions.	I think this book does a good job in not using stereotypes or misconception, especially because some children won't know about their genes and how parents pass down traits to their children.	

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		The book has a clear purpose, is well-organized, and the scientific concepts are accurately presented.	I thought this book was pretty well organized as well as had a clear purpose – Gregor Mendel experimented with finding a pattern in the genes and offspring of all living things. As well as the previously stated science concept, the book also tapped into Mendel using science inquiry to gain evidence from his data to explain his investigations.	
		In accordance with Project 2061’s <i>Science for All Americans</i> , the book must support the development in young people of positive attitudes toward learning science, mathematics and technology.	This book supports positive attitudes toward learning because the children can make connections to their own lives.	
		The illustrations accurately depict the scientific concepts being examined.		I thought the illustrations were very well done and accurately portrayed the concepts in the story. I especially thought that the diagrams of how the traits were passed on from generation to generation would be very helpful for children to gain a better understanding.
		The illustrations provide an alternate way for students to examine the concepts being discussed in the text.	I think the diagram illustrations of the pea pods in this book would give the students an alternate way to look at the concepts from the story. I also think that the illustrations depict the setting and people in the story from the 1800’s, when Mendel did his experiments.	
	Throughout Mendel’s life in the book, only men are showed being involved in science, which was probably pretty accurate in the 1800’s. However, on the last page when it talks about how we use genetics today, there is a man and a woman working in a science lab.	The illustrations show boys and girls of different backgrounds involved in science.		