Respondents rated each item on a scale of Strongly Disagree (1), Disagree (2), Neutral (3), Agree (4), and Strongly Agree (5). Items that are negative were reverse-scored.

Construct	
Attitude about	A career in science would be dull and boring.
science	Scientists are only interested in their work.
	A scientist usually works alone.
	Scientists don't get as much fun out of life as other people do.
Self-concept of	I usually understand what we are talking about in science.
science ability	I think of myself as a "science person."
	I do not do very well in science.
	I can learn to be better at doing science.
	Science is easy for me.
	I often think "I cannot do this" when a science assignment seems hard.
Participation in	How often do you
science outside of	Talk to others outside your school about science?
school	Camp, hike, or spend time outdoors?
	Watch shows such as <i>NOVA</i> or National Geographic specials?
	Watch TV shows such as CSI, GoodEats, or Mythbusters?
	Watch science fiction movies such as Wall-E or X-Men?
	Read nonfiction science-related books?
	Read science fiction books?
	Read newspaper, internet, or magazine articles about science?
	Attend science centers, natural history museums, zoos, or planetariums?
	How often would you attend these places if they were more available?
Interest in	I am interested in pursuing a career in a scientific field.
science	I am interested in the way science can be used to help solve problems.
	A job in a scientific field would be interesting.
	I spend some of my free time trying find out more about science topics.
	I am not interested in helping others by using science.
	Pursuing a degree in a scientific field does not interest me.
	I am interested in the way science can be used to help people.
	I have a real desire to learn science.
Nature of science	Science can provide answers to all questions.
	Scientific ideas never change.
	Scientific knowledge is certain or exact.

Construct	
	Scientific knowledge is always reliable.
	When scientists use the scientific method correctly, their results are always true and accurate.
	If many scientists look at the same data their conclusions will be the same.
	Scientists are never wrong.
	Scientific knowledge is the same as facts.
Self-concept of	I think of myself as an artistic person.
art ability	I am good at learning new art techniques.
	I can learn to be a better artist.
	I am not very good at art.
	Art is easy for me.
Interest in art	I enjoy making art.
	I work at becoming a better artist.
	Art is one of my favorite subjects.

Survey items were drawn from a variety of published instruments (e.g., Romine et al. 2014; Friday Institute for Educational Innovation 2012; Liang et al. 2006; NSB 1996).

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