

with limited resources, we've been asking about how museums can help them supplement formal education. Last year we shared what they said about K-12 history education.1 This year, we focused on STEM.

First, parents and guardians of school-age children were asked what types of schools their children attended. They could choose more than

educational environments. Here's what we found: Public school I Charter school 7% Private school Homeschool² -----Those who chose public, charter, or private schools then received a question asking if they **deliberately** visited museums to fill in gaps they didn't feel their child's school covered adequately, asking

In 2024, those three disciplines posted similar numbers, while a third of parents said no, they were happy with the school curriculum. But in 2025, slightly fewer parents and guardians were supplementing STEM curriculum, slightly more were supplementing art curriculum, and there was more significant growth among those supplementing history curriculum. (We're curious how this will play out in 2026, given political pressures on history content in particular.)

2024

2025

2024

2025

Art education

STEM education

2024 44% History education 48% 2025 No, I've been happy with 2024 34% what schools are doing 2025 33% Overall, those who were happy with schools were more likely to have younger children (more in the K-2 range), so they likely were not perceiving curriculum gaps ... yet.

Respondents who chose art and history were more likely to have children in middle and high school, when those curricular gaps become most obvious. For this *Data Story*, we are looking at respondents who said they were supplementing STEM content. These respondents were more likely to have elementary-age children, with fewer parents

and guardians of teens saying they visit museums for STEM

older children are not finding that the science content in

We asked:

Thinking of STEM education

specifically, what kind of STEM content

do you want museums and science

centers to share? What do you think is

missing or needs addressing from what

is taught in your child's classroom?

content. Overall, this suggests that parents and guardians of

museums is fitting their child's curricular needs effectively,

presenting an opportunity for science museums to consider.

We then hand-coded every single written-in response to this question, nearly 1,400.

Less than 10% of written-in respondents

"Broader array of STEM topics

that are not covered in school

explore STEM adequately.

specifically addressed STEM curriculum in

schools, but those that did mostly lamented that

schools didn't have the time or resources to go

but what about ..." Responses fell into four main categories. **Museum-Focused**

A majority of responses fell into one of these

museums did best, including:

categories, which focused on what respondents felt

A desire for more STEM content, whether

they asked for a general "more" or had specific

topics they wanted their children exposed to.

"The more STEM content the better!"

By far the most common request, however,

that schools simply cannot provide ... and if

it fun and exciting, even better.

was for more hands-on, immersive experiences

this catalyzed an interest in STEM by making

"Must be hands on and relevant to a

child's daily life or as close to magic

draw the child's mind in and open to

"Real life problems and issues should be

concepts used as examples to learn, but

applying real life situations may be more

helpful in the way students explore, learn,

used. Often in the classroom there are

The kinds of jobs and careers that can be

"A more immersive experience such as

to be an archeologist, geologist, etc.

Basically, more in-depth real life

realistic research labs - what is [it] like

respondents, it was an open-minded approach

sparking curiosity and developing critical

"Reinforcing the methodologies of

And as part of that, there was also an

solving problems and the importance of

articulation of the scientific method as being a

tried-and-true methodology of scientific process

that was important for evidence-based learning

with credibility and trust. While the percentage

that referred to the scientific process was one of

our smallest groups, they spoke with passion.

And it was one of the few themes we identified

that skewed politically: liberals were three times

more likely to talk about this than conservatives.

reinforcement of fact-based evidence on

those topics surely belongs in museums."

"With some attacks on evolution and

climate science in school curricula,

concepts, innovation, and learning.

thinking outside the box."

to looking at the world. Thus, they talked about

thinking as fundamental for approaching STEM

as possible. Whimsy and mystery

learning. They must be fascinated

for learning to be facilitated."

These respondents were more focused on applying

STEM in practical ways to everyday life, and they

were also about 50% more likely to have middle or

STEM may be rooted in the transitions their older

children are making as they think about their

and try things."

found in STEM.

scenarios."

high-school age children. Their pragmatism towards

futures, including: Applicability or relevance to daily lives and the real world.

Mind-set/process A smaller group of respondents thought more about the hows and whys of STEM. This came out in their mind-set and a process-based orientation. What do we mean by that? For these

when they reached this open-ended question, their responses indicated that while they valued STEM, there were other topics that were even more important Such as the arts and humanities. These respondents articulated that STEAM (to include arts) was more desirable, that STEM receives more attention in schools than art and history, and/or that history, of all subjects, is the most neglected of all.

"Without art, there is often no science

and without science, there is no art. Art

drives creativeness and imagination and

self-awareness. Any STEAM integrated

science, should link all aspects of learning

Similarly, a small group of respondents said yes

to STEM, but their bigger yes was to inclusion.

Their comments explicitly asked for science

museums to include women and scientists of

all children could feel represented in STEM,

and could see themselves with futures in

moderates or conservatives.

color in their exhibitions and programs, so that

STEM. Interestingly, there was not a significant

political skew to these comments: liberals were

"I want to see more women of color being

highlighted so when I take my daughter,

she becomes more motivated and knows

her wild dreams are attainable."

Interestingly, comments were largely

apolitical. For the most part, there were no

only slightly more likely to mention this than

education allows critical thinking and

into museums, collaborating art and

innovation. Art and science and

(math, science, history, etc.)"

significant differences between liberal and conservative parents and guardians in how they responded to this question (we noted the two exceptions, above) and overtly political responses were scarce. Keep in mind, however, that the survey was in the field from January to early April. Political

shifts affecting science and science research

period, but many respondents answered these

questions before the change in administration

or during its first few weeks (before the scope

of the shifts were becoming broadly clear). If

we had fielded this survey in the fall of 2025,

results might have been more political.

That said, when we fielded a similar

before the change in administration,

nearly half of respondents did touch

content, indicating that history has

on politics or politicization of

line of inquiry on history in 2024,

in particular was ramping up during that

increased politicization of STEM in future surveys. Overall, however, our results indicate that most museum-going parents and guardians want their children exposed to STEM subjects, and consider museums their partners in supplementing and expanding upon what schools are able to do. And as our world, and humanity, continues to be deeply affected by scientific and technological changes,

thoughtful and accurate explorations of those very

been on the front-lines of the political culture wars much

more intensely over the past few years. We'll continue to

monitor these shifts, as we wouldn't be surprised to find

Not just for our students, but for all of us. "Our schools do a great job, but I feel that my job as a parent is to provide him with every opportunity to learn

 2017- 2024 Annual Surveys of Museum-Goers (including casual, sporadic, and non-visitors to museums). Susie Wilkening,

lead author

American WilkeningConsulting

> **Data Story release date:** October 09, 2025 © 2025 Wilkening Consulting, LLC

topics will be needed by the public more than ever.

and be exposed to all sorts of ideas. Life is learning and learning is life." Annual Survey of Museum-Goers Data Stories are created by Wilkening Consulting on behalf of the American Alliance of Museums. Sources include: • 2025 Annual Survey of Museum-Goers, n = 98,904; 202 museums participating • 2025 Broader Population Sampling, n = 2,079 *Data Stories share research about both frequent museum-goers (typically visit multiple museums each year) and the broader population

More Data Stories can be found at wilkeningconsulting.com/data-stories.

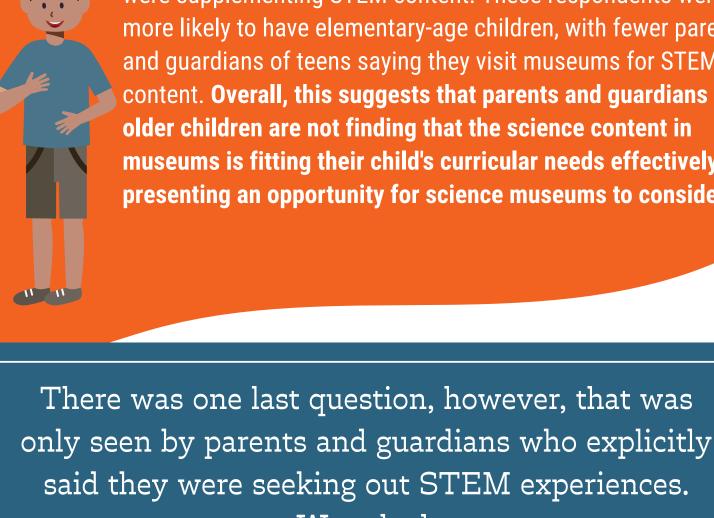
See our Data Story "K-12 History Education, Museums, and Perceived Curricular Gaps," October 31, 2024 ² See our *Data Story* "Homeschool Families," November 7, 2024, for more information

As schools struggle to pack more content into the same number of hours, and often parents and guardians of school-age children In 2026, we'll be focusing on art education!

one, since siblings could be in different types of

about art, STEM, and history education specifically.







due to the limited school resources funding." Instead, most respondents focused on their STEM needs ... or said "yes,

Pragmatic

4 Yes, but what about ... These respondents cared about STEM ... after all, their answers got them to this question in the first place! But to them.

What about politics?