

# Playful Hands-on STEM Learning in UK Libraries

Keliann LaConte, Fulbright Global Scholar  
Hosted by the University of South Australia  
and the University of Edinburgh

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# **FREE**

## **Science-Technology Activities & Resources**

Major funding is provided by the National Science Foundation, NASA Science Mission Directorate, and the Institute of Museum and Library Services.

# STEM



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# STEAM



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# STREAM



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# S

That makes me  
wonder about...

<http://clearinghouse.starnetlibraries.org/chemistry/492-smelly-balloons.html>



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A faint world map is visible in the background, rendered in a lighter shade of blue against the darker blue gradient of the slide.

What STEM activities could you use to  
connect with a local industry?



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T

How can I break  
this problem into  
smaller parts...

<http://clearinghouse.starnetlibraries.org/technology-and-computing/257-life-size-coding.html>

<http://clearinghouse.starnetlibraries.org/computational-thinking/498-storytelling-with-scratch-adventure-on-the-high-seas.html>

<https://publiclibraries2030.eu/libraries-lead-with-digital/toolkit-and-resources>



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What is your favourite site for increasing  
your digital skills?



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# D

**Don't give up!**

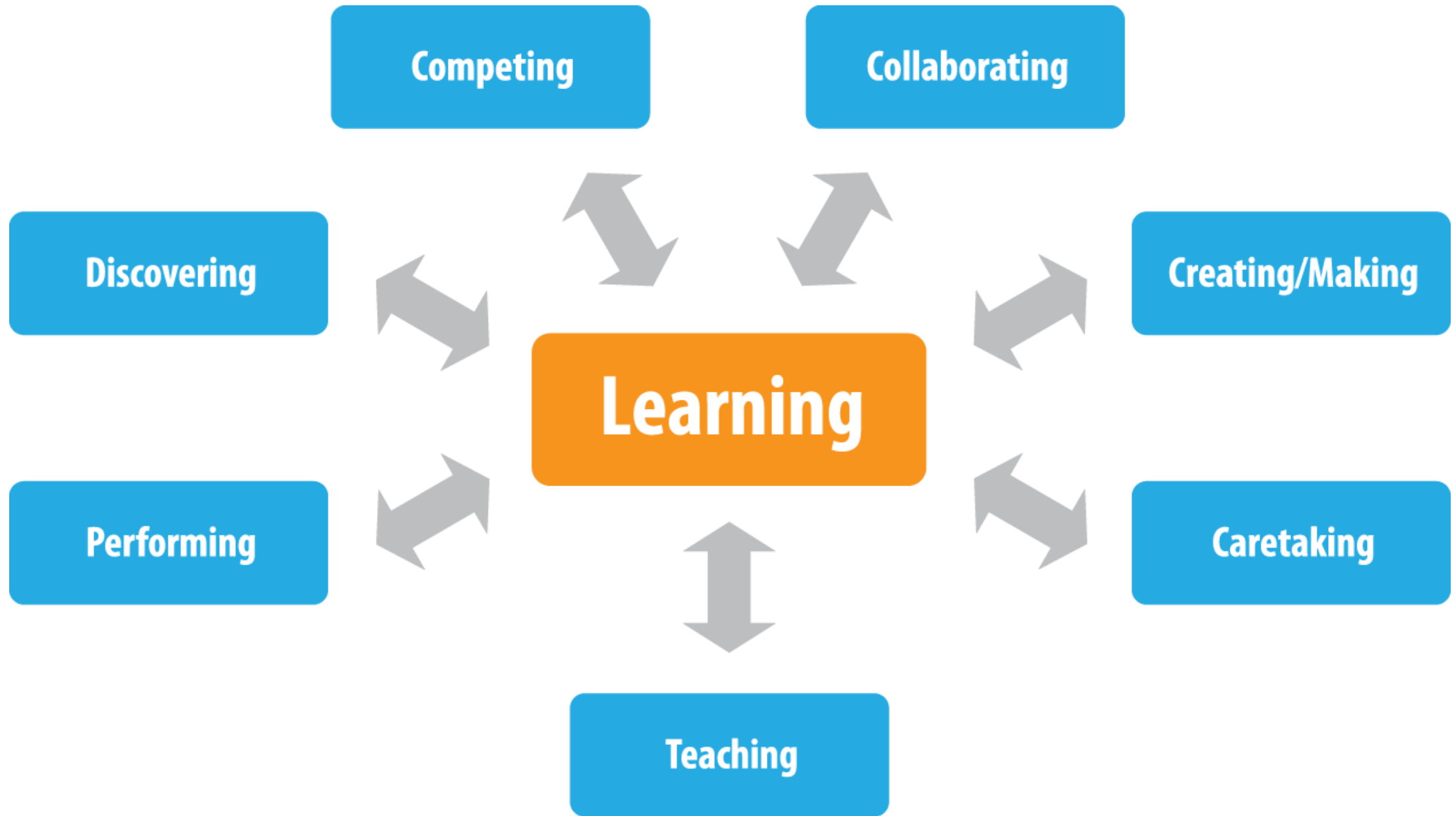
**Try again!**

<http://clearinghouse.starnetlibraries.org/astronomy-and-space/55-rocket-car-distance-challenge.html>



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Rob Tai, University of Virginia

<http://www.starnetlibraries.org/portfolio-items/project-build/>

# M

What if I try  
looking at this  
puzzle in a  
different way...



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What are your ideas for incorporating mathematics into your existing activities?



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