

# STEMpowered Curiosity 2026

## Monday Overview

Today, campers began their week of STEM fun exploring many different topics! First, they started off with **Bridge Battles**, where they experimented with folding the strongest paper bridge. In **Picture This**, they will use scratch to code art, then in **Oops, My AI Made A Mistake**, they investigate AI's accuracy. Finally, they end off the day with **Bead Buddies**, making UV keychains and learning about the sun's powerful rays!

## Tell me what you learned!

Here are a few questions to enhance learning:

- What folding technique made the strongest bridge, and why?
- What's one way AI can make mistakes when analyzing information?
- Which type of UV ray is most blocked by sunscreen: UVA or UVB?

## Next Steps!

[LINK HERE](#)



The history of digital art!

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## Tuesday Overview

Today, campers spent another fun day experimenting and testing! They kicked off their morning with a **mentor visit** from someone in the community. Next, in **Robot, Draw Me A Picture**, they experiment with coding the right drawing instructions to a leader and AI. Then, campers experimented with creating the best paper airplanes and launchers during **Paper Pilot Academy**. Finally, they played **Add It Up**, where there is a math twist to bingo.

## Tell me what you learned!

Here are a few questions to enhance learning:

- What design changes made your paper airplane fly farther or straighter?
- What did you learn from the mentor visit that surprised you?

## Next Steps!

[LINK HERE](#)



How AI art developed!

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## Wednesday Overview

Today, campers learned about space, unique applications of AI and how the circuits all around us work. In **Lunar Lookout**, they learned how the moon changes its shape every night, then they made a model of the different phases with plastic cups. Next, they explored how veterinarians could use AI in **X-citing X-rays**. After that, in **Snappy Snap Circuits**, experimented with snap circuits and graphite resistors, then they ended off their day with **Liquid Nitrogen Ice Cream**.

## Tell me what you learned!

Here are a few questions to enhance learning:

- What design changes made your paper airplane fly farther or straighter?
- What did you learn from the mentor visit that surprised you?

## Next Steps!

[LINK HERE](#)



Have you ever wondered why we don't have eclipses every night?

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## Thursday Overview

Today, campers covered many topics and spaces on campus! In **Keys Keeping Secrets**, they learned about encryption, from ancient times until today. Next, they tested out chemical reactions to launch rockets in the **Blast Off Challenge**. After lunch, for **Bee The Change**, they learned about pollinators and digital agriculture, explored the Conrad Grebel Pollinators' Garden, and made seed balls. To end of their day, they began their **Build A Bouncy Ball** experiment, creating their bouncy ball that will dry overnight.

## Tell me what you learned!

Here are a few questions to enhance learning:

- How has encryption changed from ancient times to today, and what do they have in common?
- What ingredients did you mix for your bouncy ball, and what do you think will happen as it dries?

## Next Steps!

LINK HERE



How your seedball will grow next spring!



# STEMpowered Curiosity 2026

## Friday Overview

Today, campers ended their week of STEM fun finishing up activities and reflecting on their week. To start the day, they finished up their **Build A Bouncy Ball** experiment, then reflected on their STEM interests with a craft during **Curiosity Corner**. Finally they ended of their day with **Friday Fun!**

## Tell me what you learned!

Here are a few questions to enhance learning:

- How did your bouncy ball turn out, and what would you change about the process?
- What STEM topic from this week sparked your curiosity the most, and why?

## Next Steps!

[LINK HERE](#)



**Why some balls don't bounce!**

