

MATH MAGIC & SCIENCE SECRETS

AN INTERACTIVE STEM CAMP FOR 4TH AND 5TH GRADE GIRLS

\$15

DATE:

9:00 AM -12:30 PM
5 NOVEMBER
2022

LOCATION:

SIMPSON COLLEGE
CARVER HALL
206 W. CLINTON AVE

REGISTER HERE:

[HTTPS://FORMS.GLE/GVAE-EIE5P6ZXHHQG8](https://forms.gle/GVAE-EIE5P6ZXHHQG8)

SPONSORED BY:

INDIANOLA AAUW & SIMPSON COLLEGE



Indianola AAUW STEM Workshop for Girls

- Science, Technology, Engineering, & Mathematics
- 3rd - 5th Grade girls



Volunteers

- Indianola Branch AAUW members
 - Jackie Brittingham and Jo Richey
- Simpson College Diversity in STEM student organization
- Simpson College Faculty
- Regional STEM professionals

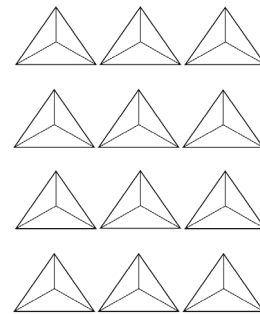


Hands-on demonstrations

- Chemistry
- Anatomy
- Mathematics
- Insects
- Birds
- Computers
- Physics



Mathematics: Counting Colors and Patterns

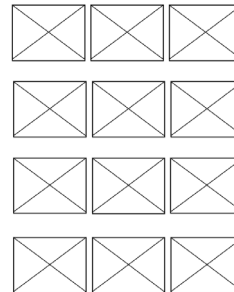


Activity #1

Pick three colors. How many different ways can you color the triangles in the triangle using all three colors?

Let them color and try this, check with each other, and then give them the answer.

ANSWER: $3 \times 2 \times 1 = 6$



Activity #2

Pick four colors. How many different ways can you color the triangles in the rectangle using all four colors?

Let them color and try this, check with each other, and then give them the answer.

ANSWER: $4 \times 3 \times 2 \times 1 = 24$

Chemistry: Bath Bombs and Elephant Toothpaste



Take-home activities

- Girls in science coloring pages
- STEM activity and book list including links to [A Might Girl Book Guide](#)
- Great memories with new friends!

