The 6 Competencies of a Cavalier

- Communication
- Collaboration
- Critical Thinking
- Creative Thinking
- Content
- Compassion

District Driving Questions
- What can I be when I grow up?
- How can I use what I am learning?
- How can I use my knowledge to improve my life and the lives of others?

Contact Information
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dana.letts@ccsd.us
- Heather Tarlton, STEM Facilitator
heather.tarlton@ccsd.us
Maker Mat Book List

Cycle 1:
- Sept: Those Darn Squirrels! by Adam Rubin
- Oct: Elmore by Holly Hobbs
- Nov: If I Built A School by Chris Van Dusen
- Dec: How to Catch a Snowman by Adam Wallace
- Jan: Solutions for Cold Feet (and Other Little Problems) by Carey Sookocheff
- Feb: Lily Wool by Paula Vasquez
- Mar: Max and Marla Are Flying Together by Alexandra Boiger
- Apr: Windblown by Édouard Manceau
- May: Pretend by Jennifer Plecas

Cycle 2:
- Sept: Be A Maker by Katey Howes
- Oct: How Big Could Your Pumpkin Grow by Wendell Minor
- Nov: How to Catch a Turkey by Adam Wallace
- Dec: What To Do With a Box by Jane Yolen
- Jan: Anything is Possible by Giulia Belloni
- Feb: The Little Red Fort by Brenda Maie
- Mar: The Great Fuzz Frenzy by Janet Stevens
- Apr: The Dumpster Diver by Janet Wong
- May: When a Dragon Moves In by Jodi Moore
<table>
<thead>
<tr>
<th>Build a tower.</th>
<th>Find directions on how to make a kaleidoscope. Follow the directions and make your own.</th>
<th>Create a blueprint for something you wish you could build.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initials_____</td>
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<tr>
<td>Make something out of cardboard.</td>
<td>Draw or paint a spaceship. Write where you mission will go to.</td>
<td>Make a difference! Do or make something for someone. Snap a picture of your work.</td>
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Dear Families,

Welcome to a great new year of learning! At Chillicothe Primary we emphasize student creativity and provide many opportunities for your student to design, innovate and build without step-by-step direction. Our partnership with Chillicothe and Ross County Library has given us the opportunity to help families support creative thinking in the home as well. Each month your student will be bringing home a Maker Mat based on a fantastic new book. Your student is encouraged to complete at least three of the activities and mark them off, much like a Tic-Tac-Toe board. A responsible adult should initial that the child completed that activity and return it the classroom teacher before the end of the month. Students who complete the MakerMats will receive a sticker for their design notebook, and occasionally a surprise reward! If you have questions or need help gathering supplies, please do not hesitate to reach out to our STEM facilitator and she will be happy to assist you!

Thank you for helping to encourage creativity in your child! Please contact me at heather.tarlton@ccsd.us or dana.letts@ccsd.us with any questions.

Sincerely,
Heather Tarlton, STEM Facilitator & CPS staff
Dana Letts, CCSD STEM Specialist
Adventures In Innovation
Book Lists

Kindergarten:

- Perfect Square by Michael Hall
- Old Macdonald Had A Woodshop by Lisa Shulman
- Have Fun, Molly Lou Melon by Patty Lovell
- Chicka Chicka Boom Boom by Bill Martin Jr. & John Archambault
- Block City by Robert Louis Stevenson

First Grade:

- Albert’s Alphabet by Leslie Tryon
- Up! Up! Up! Skyscraper by Anastasia Suen
- Good Night, Gorilla by Peggy Rathmann
- The Umbrella by Jan Brett
- Stanley’s Wild Ride by Linda Bailey
- What About Moose? by Corey Rosen Schwartz
- Violet the Pilot by Steve Breen
- And Everyone Shouted, “Pull!”: A First Look at Forces and Motion by Claire Llewellyn
- Going Places by Paul A. Reynolds, Peter H. Reynolds
- If I Built A House by Chris Van Dusen

Second Grade:

- Believe Me, Goldilocks Rocks! by Nancy Loewen
- The Rain Came Down by David Shannon
- No More Noisy Nights by Holly Niner
- Jangles: A Big Fish Story by David Shannon
- Oh, No! by Candace Fleming
- DREAMING UP: A Celebration of Building by Christy Hale
- Flight School by Lita Judge
- If I Built A Car by Chris Van Dusen
- A River by Marc Martin
- No Lie, Pigs (and Their Houses) CAN Fly! by Jessica Gunderson
Name

- Materials Manager
- Time Keeper
- Speaker
- Helper/other

ASK

launch a tiger the longest distance?

IMAGINE

PLAN

Materials
Let's reflect

<table>
<thead>
<tr>
<th></th>
<th>1. still learning</th>
<th>2. sometimes</th>
<th>3. almost always</th>
</tr>
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<tbody>
<tr>
<td>I thought of idea and created a plan.</td>
<td>🧜‍♂️🧜‍♂️🧜‍♂️🧜‍♂️</td>
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construct a glider for a penguin that could help the penguin to fly?
Let’s reflect

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each build something different if we all have the same supplies?

Imagine

Plan

Materials
Choose your materials
## PLAN

Let's reflect

I thought of idea and created a plan.

1. still learning
2. neutral
3. already done

I presented my solution.

1. still learning
2. neutral
3. already done

I was a good team member.

1. still learning
2. neutral
3. always
Would a cold snap be good or bad?

+ What would be fun about a cold snap? What would you like?

- What would be unpleasant about a cold snap? What wouldn’t you like?
Introduction Sentence - Write your opinion. Would a cold snap be good or bad?

I think a cold snap would be ________________.

Write a reason for your opinion.

______________________

______________________

Write a reason for your opinion.

______________________

______________________

Draw a reason for your opinion.

Conclusion

Name: __________________________
Introduction
Is winter weather good or bad?

I think winter weather is ____________.

Write a reason for your opinion.
______________________
______________________

Write a reason for your opinion.
______________________
______________________

Draw a reason for your opinion.

Conclusion