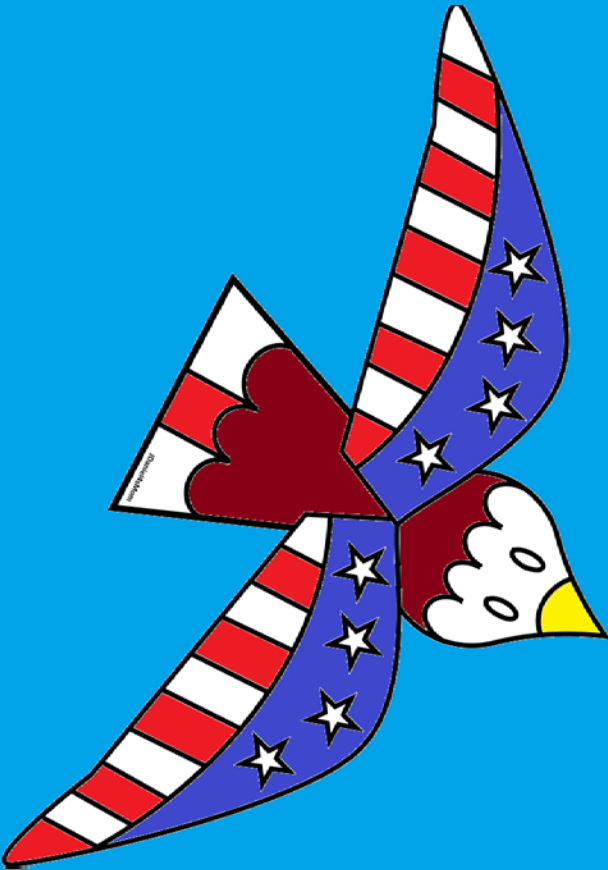


Flying Eagle STEM Challenges

Created by Deirdre Smith of JDaniel4's Mom



Directions: After each launch of your flying eagle, measure how far it flew in feet and inches.

Supply:

- Straws
- Tape
- Flying Eagle
- Scissors
- Tape
- Measuring Tape
- Pencil

Exploration Requirements:

- Add straw supports to the fly eagle that will help it glide.
- Measure how far it flies.

Flying Eagle Recording Sheet

Attempt	Feet	Inches
1		
2		
3		

What steps did you use to help the eagle fly farther and farther.

Created by JDaniel4sMom.com

Flying Eagle Straw Rocket Recording Sheet

Directions: After each launch of your flying eagle, measure how far it flew in feet and inches.

Supply:

- Straws
- Tape
- Flying Eagle
- Scissors
- Tape
- Measuring Tape
- Pencil

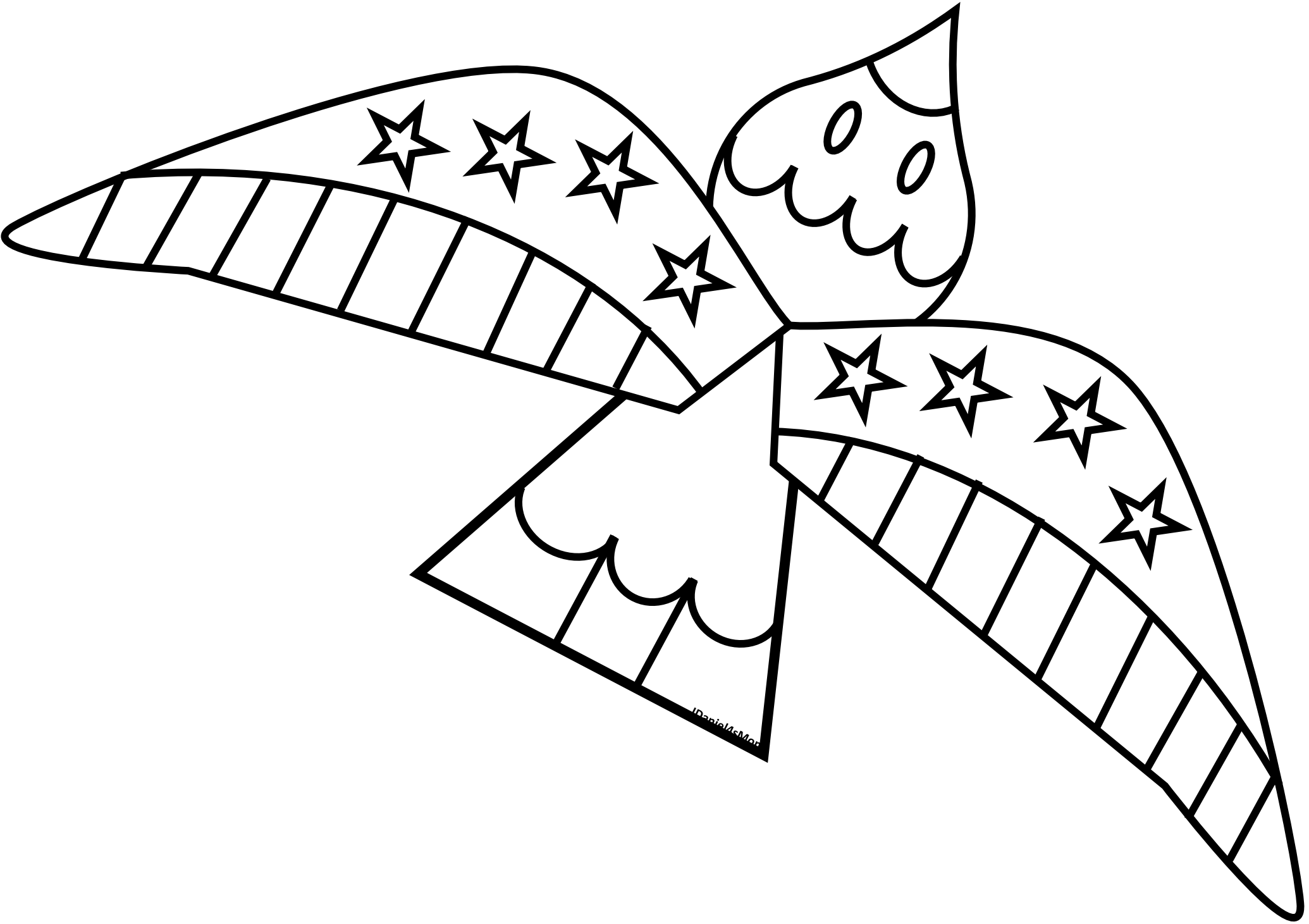
Exploration Requirements:

- Add straw supports to the fly eagle that will help it glide.
- Measure how far it flies.

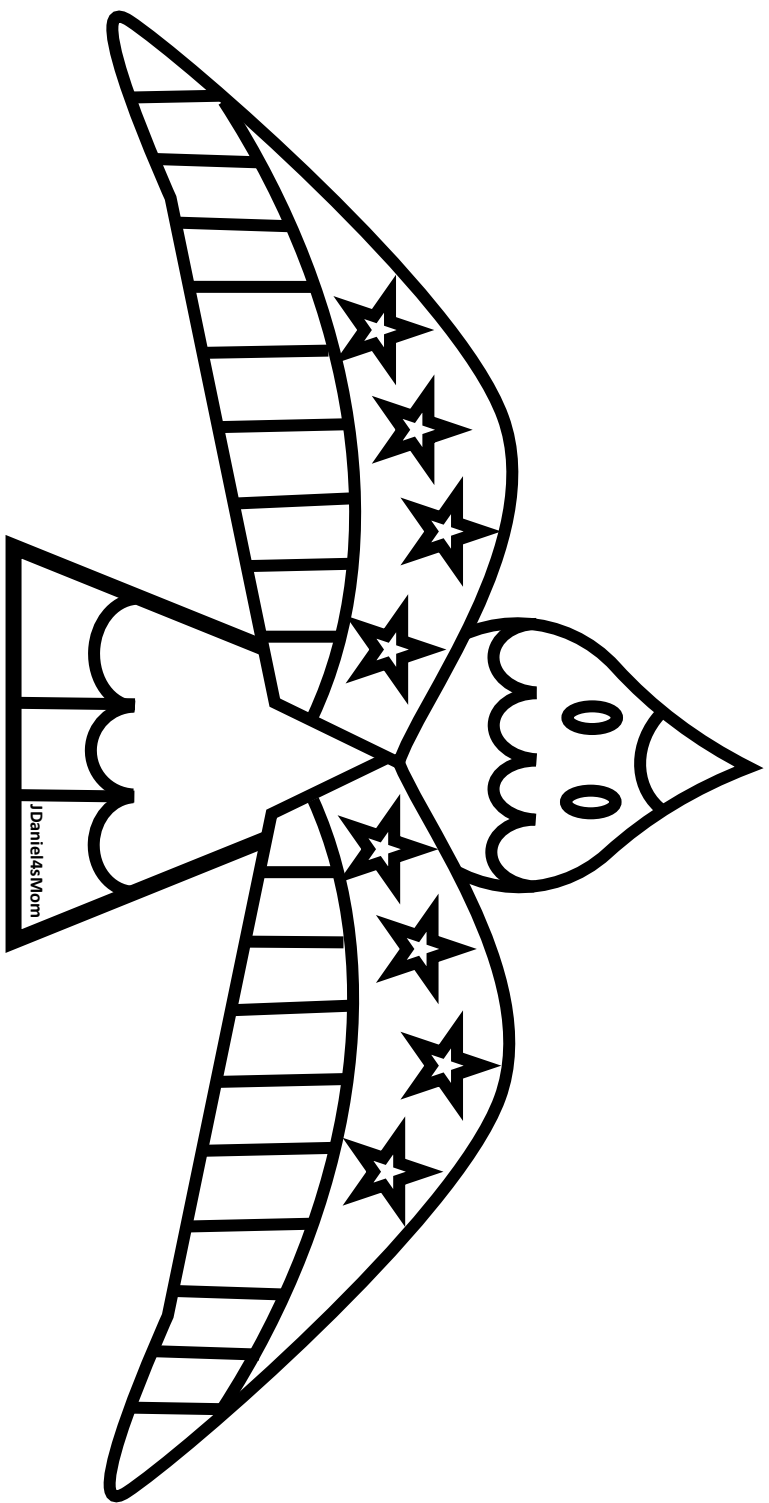
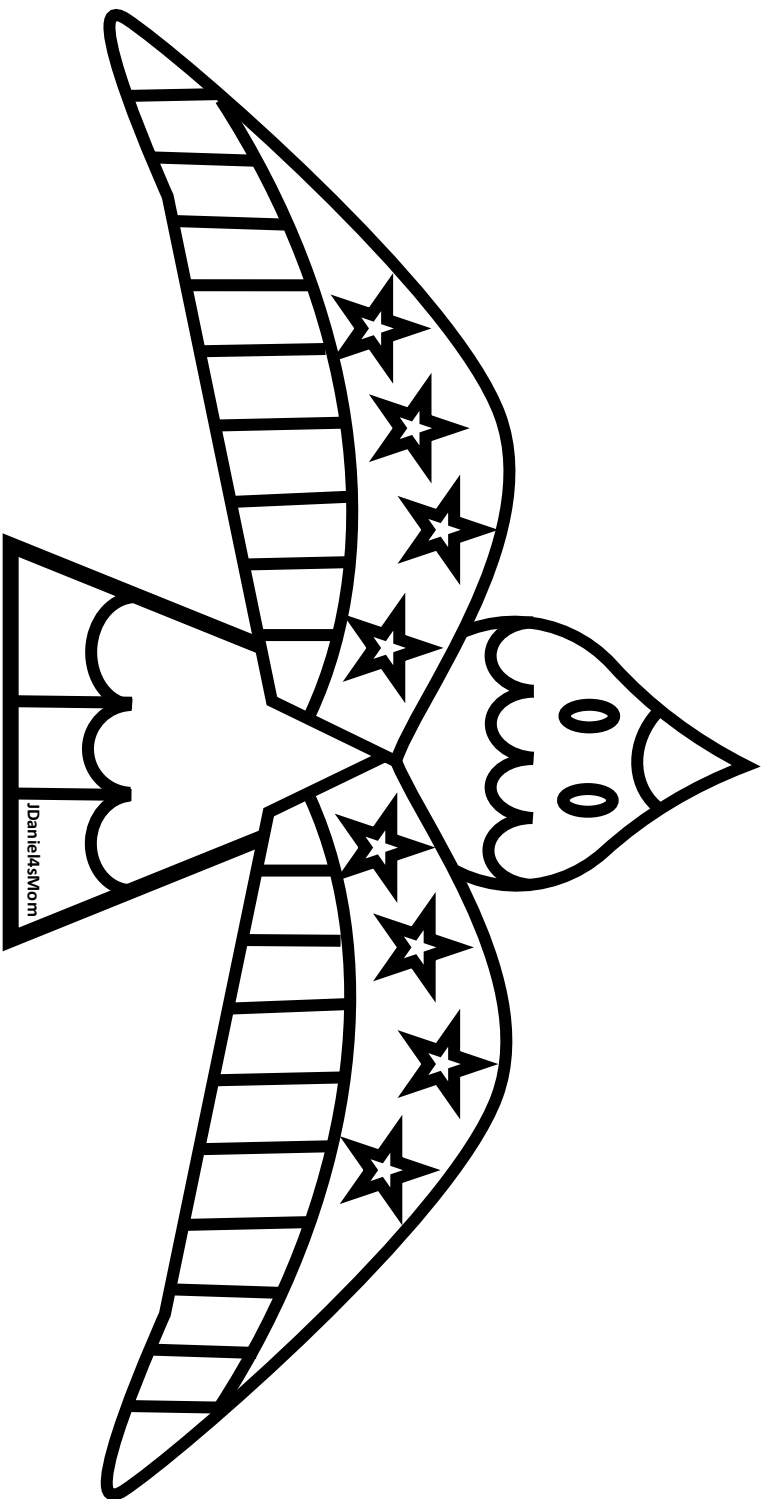
Attempt	Feet	Inches
1		
2		
3		

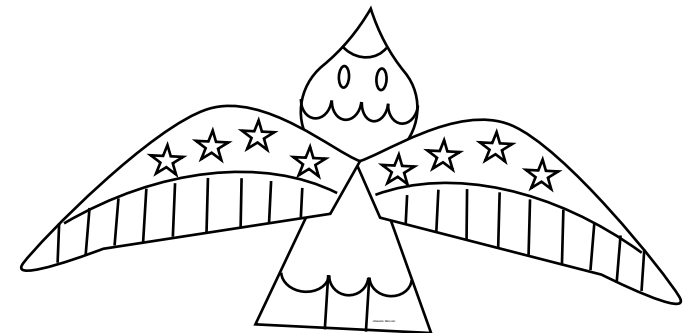
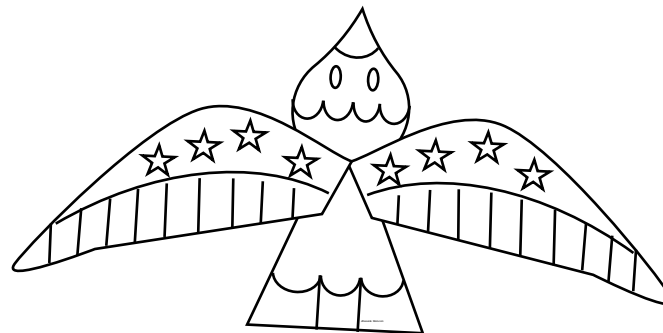
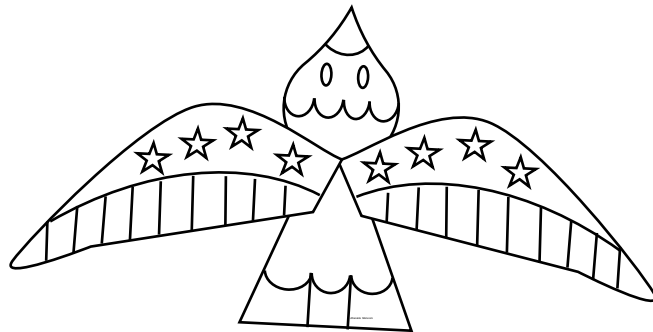
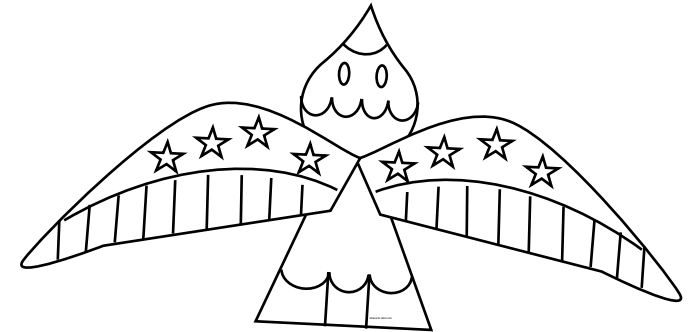
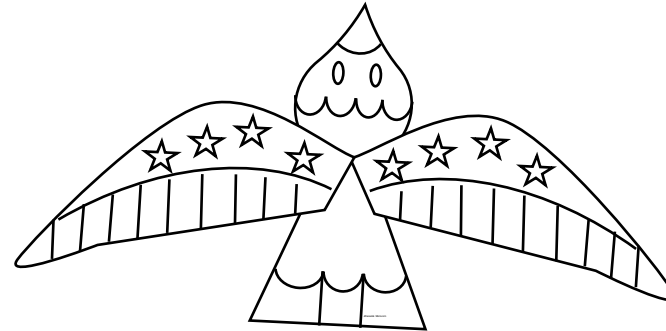
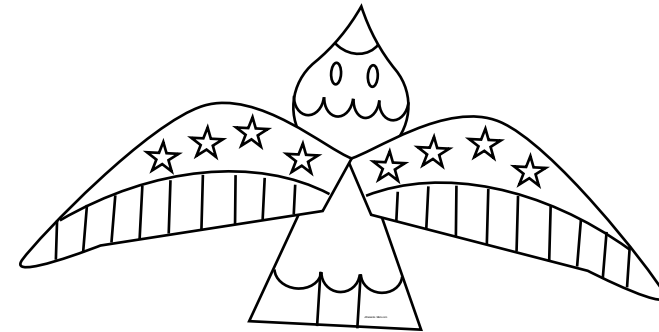
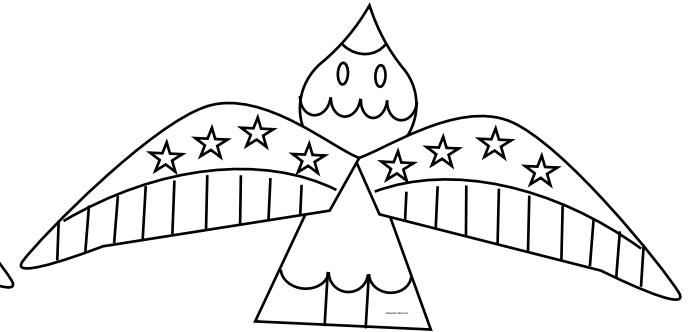
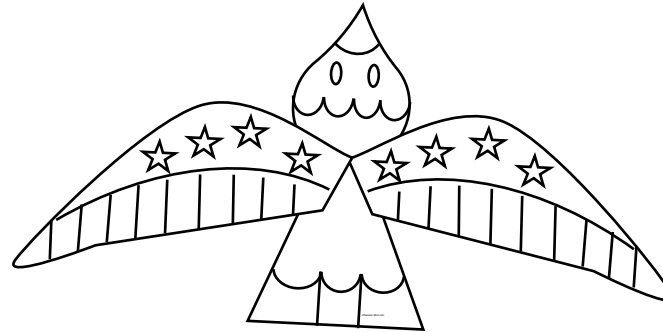
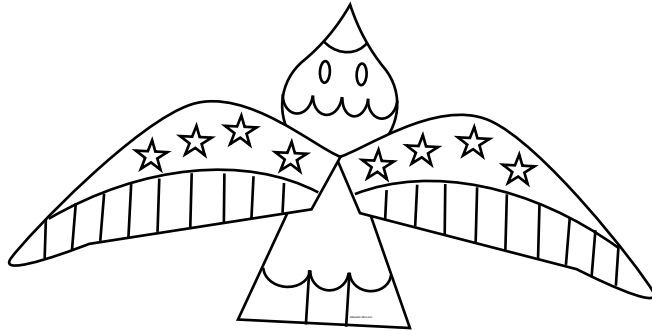
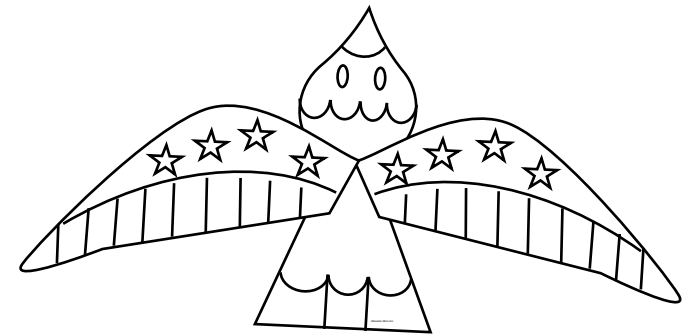
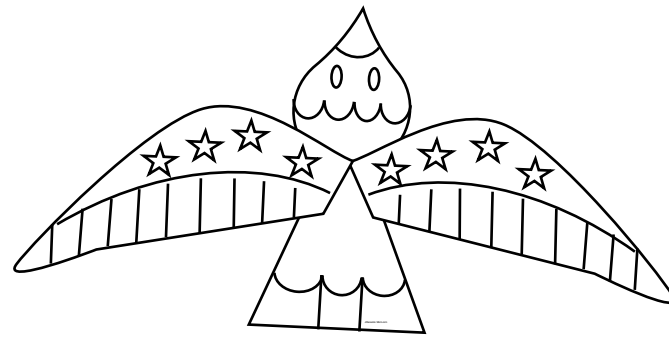
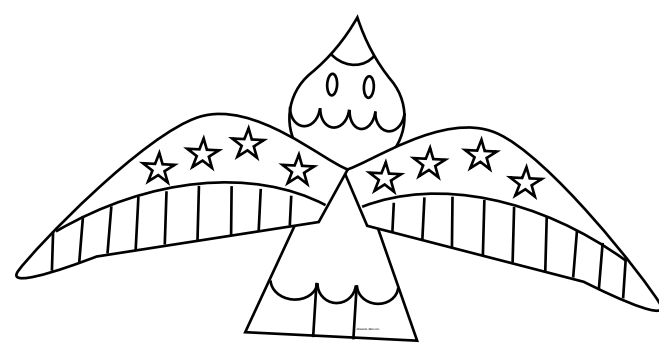
What steps did you use to help the eagle fly farther and farther.

Created by JDaniel4sMom.com



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Flying Eagle Recording Sheet

Directions: After each launch of your flying eagle, measure how far it flew in feet and inches.

Supply:

- Straws
- Tape
- Flying Eagle
- Scissors
- Tape
- Measuring Tape
- Pencil

Attempt	Feet	Inches
1		
2		
3		

Exploration Requirements:

- Add straw supports to the fly eagle that will help it glide.
- Measure how far it flies.

What steps did you use to help the eagle fly farther and farther?

Flying Eagle Straw Rocket Recording Sheet

Directions: After each launch of your straw rocket, measure how far it flew in feet and inches.

Supply:

- One Large Straw
- One Drinking Straw
- One Flying Eagle Picture
- Scissors
- Tape
- Measuring Tape
- Pencil

Exploration Requirements:

- Build a straw rocket
- Measure how far it flies.

Attempt	Feet	Inches
1		
2		
3		

What steps did you use to help the rocket fly farther and farther?

How to Put the Flying Eagle Together

- Children will need to color their eagle.
- Then they will tape straws on the back of the eagle in an arrangement that will help it fly the farthest.
- Finally, children will explore ways to launch or glide the eagle to get it to go the farthest.

How to Put the Straw Rocket Together

- Children will need to cut off a piece of the large straw about 2 and a half inches long. They will need to tape one end of the straw closed.
- Next the flying eagle can be glued or taped to the section of the large straw. The eagle's eyes should be facing the taped end of the straw.
- Finally, the eagle on the straw will need to be placed on the smaller straw so it can be blown off the straw.



Thank you for this download I hope your children enjoy this JDaniel4's Mom resource.

You will find updates on my latest tools on the following:

Instagram: <https://www.instagram.com/jdaniel4smom>

Facebook: <https://www.facebook.com/jdaniel4smom/>

Twitter: <https://twitter.com/jdaniel4smom?lang=en>

Pinterest: <https://www.pinterest.com/jdaniel4smom>

What is in the set?

- Flying Recording Sheets
- Flying Eagle- Large
- Flying Eagle - Half Sheet
- Flying Eagle- Straw Rocket Size
- Direction Pages