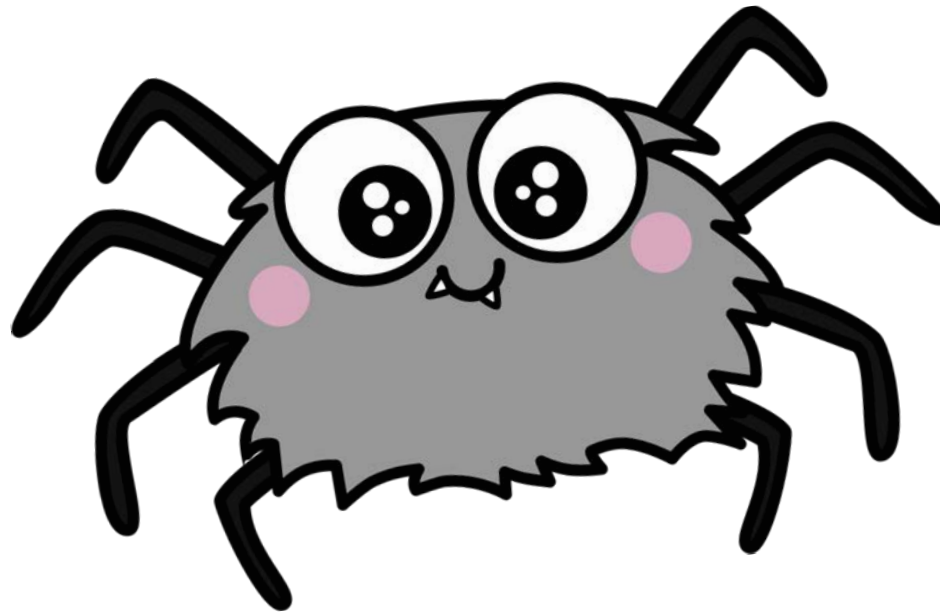


# Spider Web STEM Challenge

Created by Deirdre Smith of JDaniel4's Mom

Clip Art from  



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# Spider Web Building Challenge

## Things to Think About

- How many holes will each side of the frame need?
- How will the floss be attached to the frame?
- Will your floss stay in place if you don't wrap it around each anchor threads?
- Will your web hold a plastic spider?

## Materials

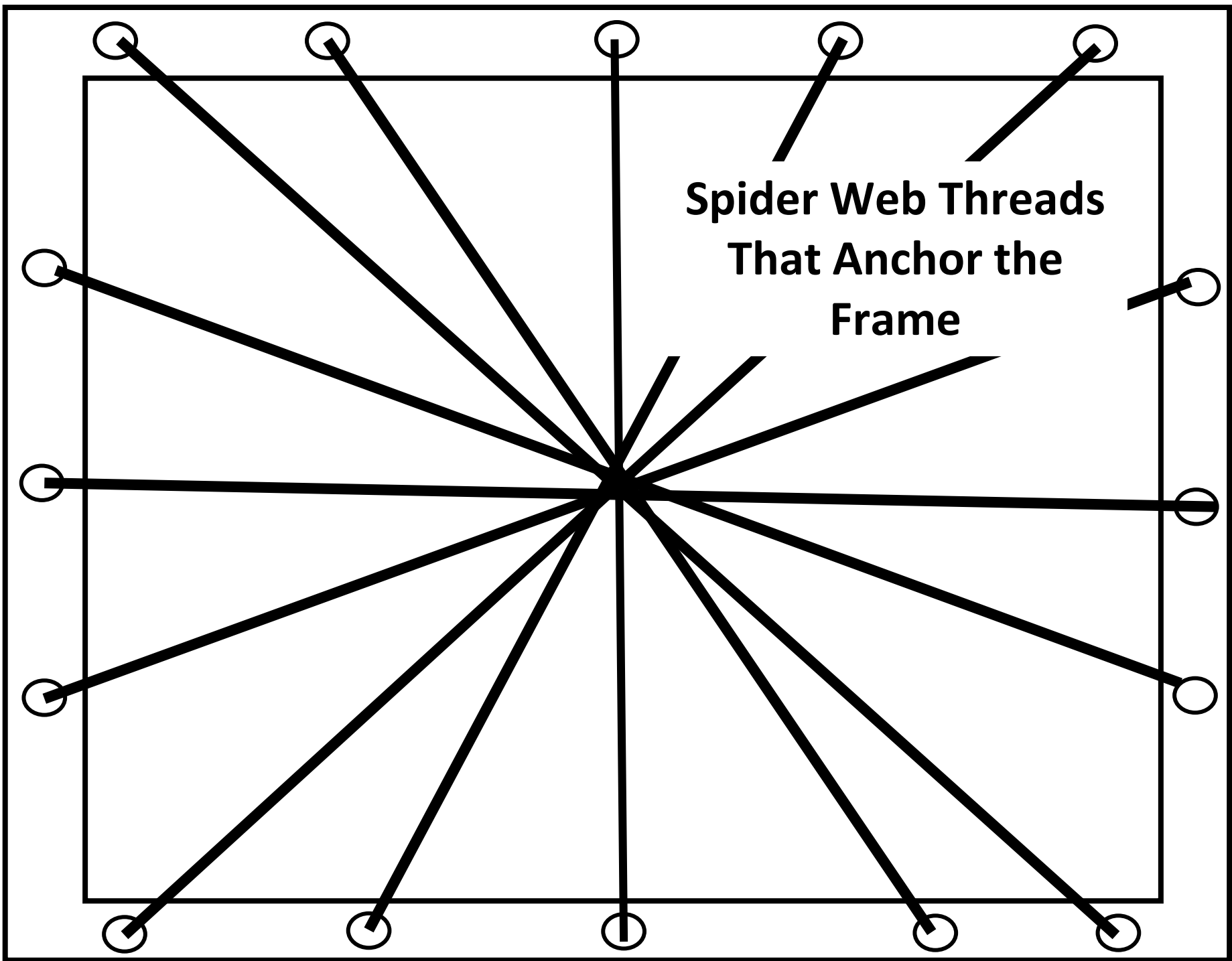
- Scissors
- Waxed Dental Floss
- Cardboard Frame or Paper Plate
- Hole Punch
- Tape
- Plastic Spider

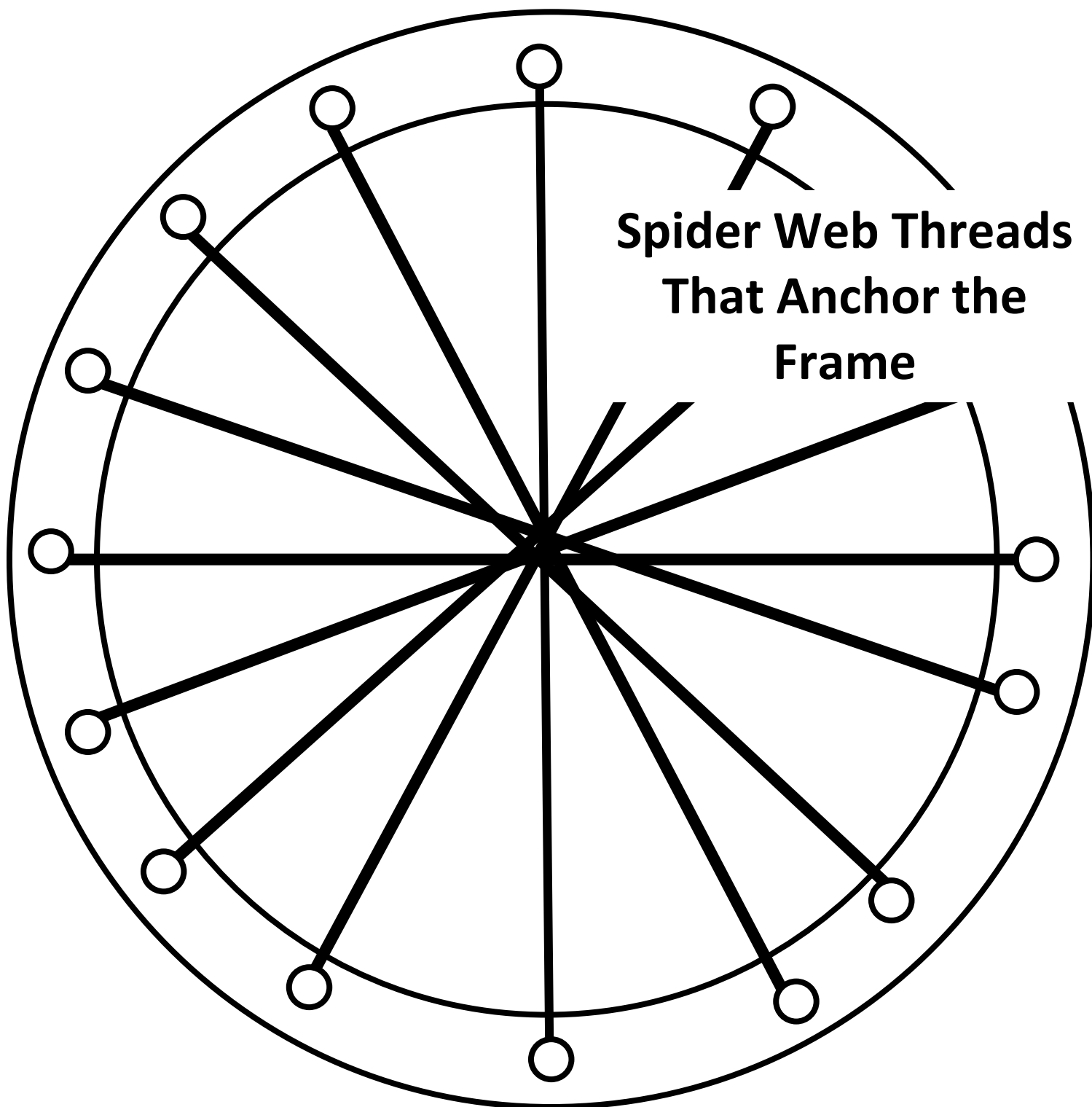
## Your Web Needs

- Threads that anchor to the frame
- Threads that weave around the anchor threads.

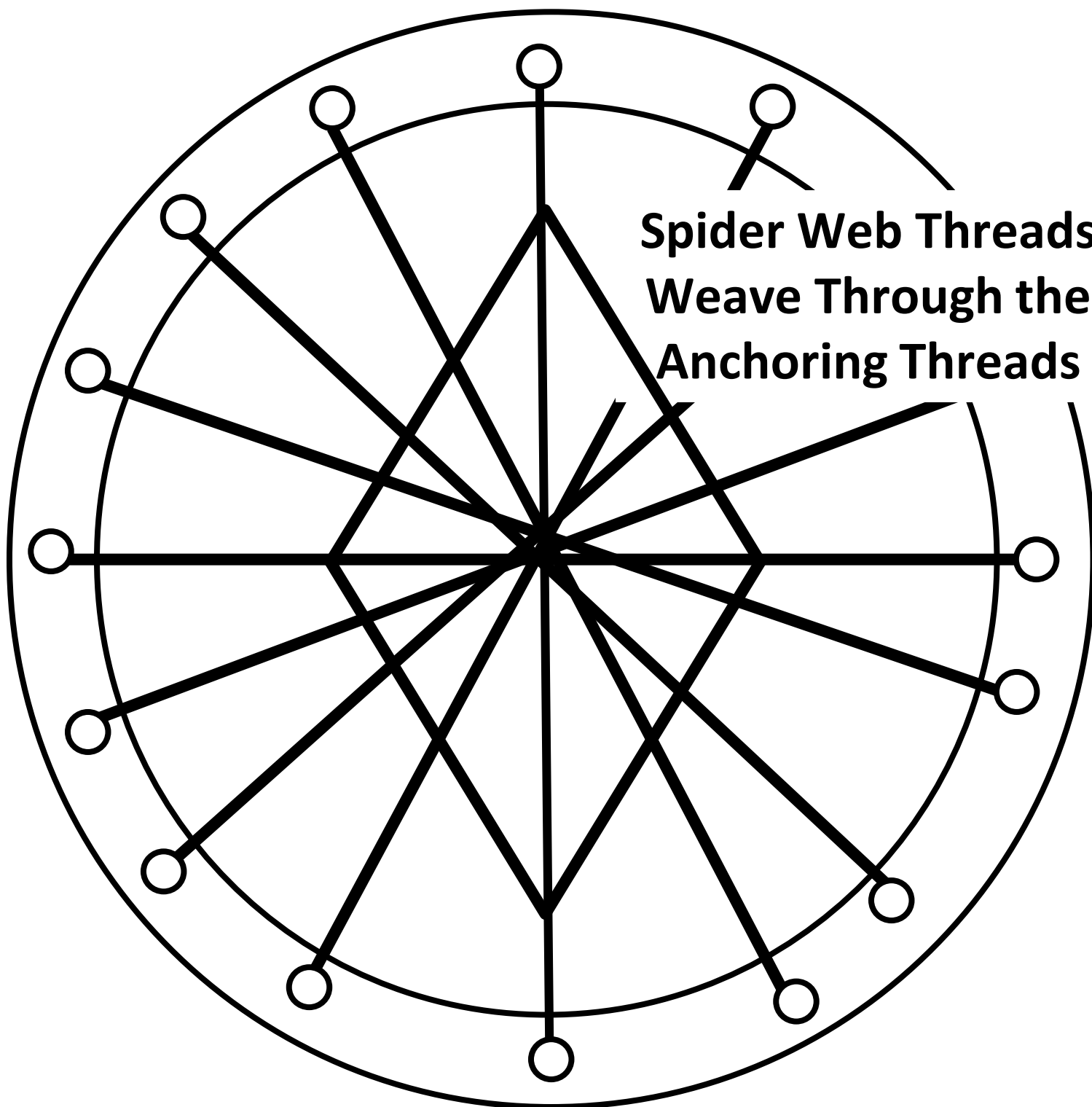
## Create a Web Plan

**Spider Web Threads  
That Anchor the  
Frame**



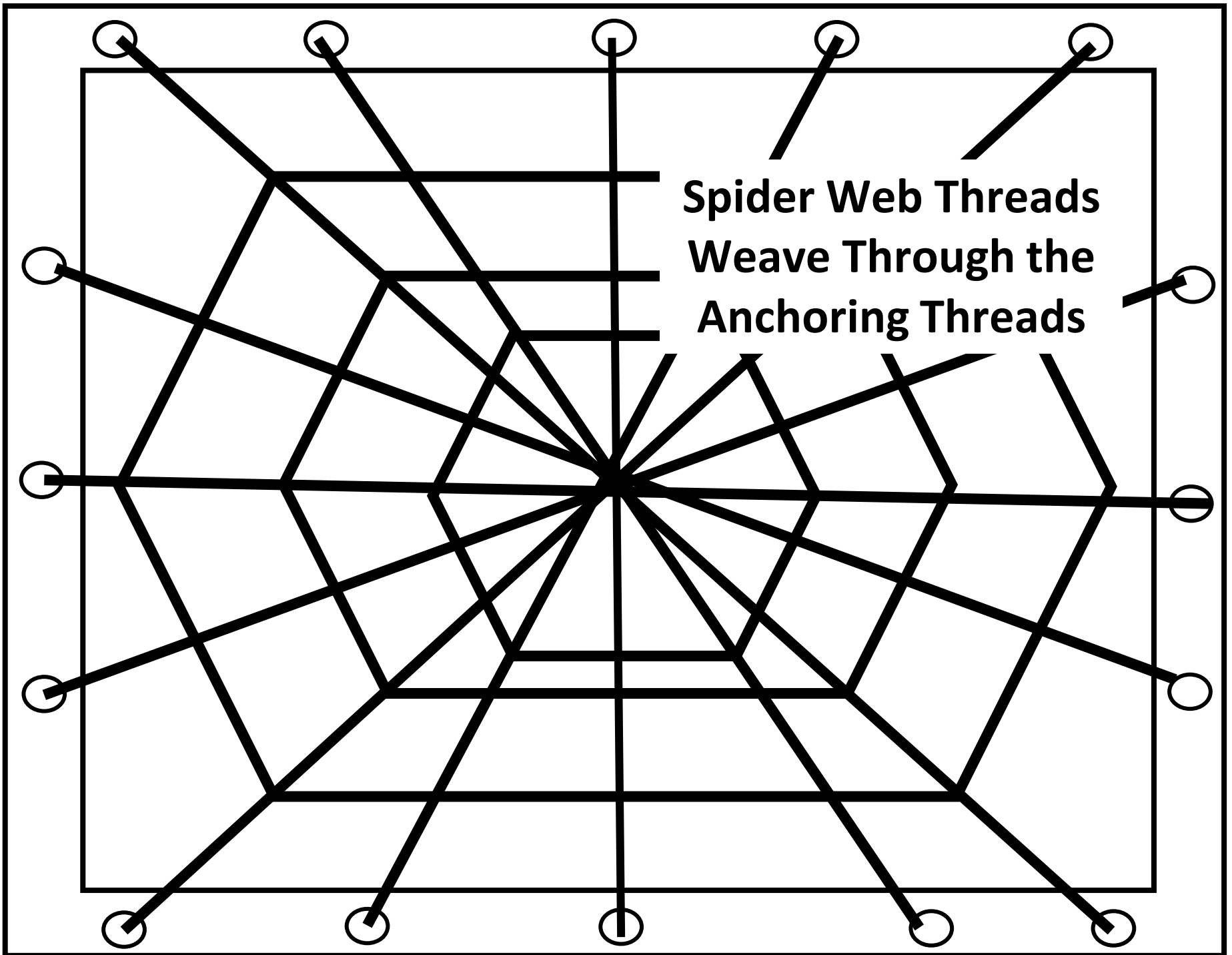


**Spider Web Threads  
That Anchor the  
Frame**



**Spider Web Threads  
Weave Through the  
Anchoring Threads**

**Spider Web Threads  
Weave Through the  
Anchoring Threads**



# How to Use This Activity Set

- Children will start by punching holes around all the sides of the frame.
- Then they will attach the dental floss to the frame.
  - They could tape or tie it to the frame.
- Next they will build anchor threads. They should crisscross across the frame and cross in the center.
- They will need to tape or tie off the end of this piece of floss to the frame.
- Next they will tie one end of a new piece of floss to one of the anchor threads near the center of the frame.
- Finally they will weave the floss over and under the anchor threads as they go around and around the web.



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

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

What is in the set?

- 1 Spider Web Planning and Recording Sheet
- 1 Sample of Anchor Threads on Frame
- 1 Sample of Adding Threads to the Frame