

# John Heinz Constellation

**Description:** Collective creation of an original constellation representing the John Heinz Wildlife Refuge made through individual stars

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**Grade level or Target Age Range:**  
Kindergarten to Adult

**Historical Art Examples or References:**  
Cut-out star sample, constellation mythology stories, mid-April star map, paper star finder

**Vocabulary:** *Radial Design, Abstract Art, Stellar Spectrum*

## Materials

1. Tracers
2. Scissors
3. White Paper
4. Crayons
5. Large Blue paper
6. Double-Sided Tape

## Directions

1. Separate from the main project, individuals may make a star finder according to the instructions on hand-outs.  
*(5-10 minutes)*
2. Paper stars made by folding square paper into eighths, then cutting arms of the star—similar to paper snowflake.  
*(5 minutes)*
3. Paper stars colored blue, white (*uncolored, possibly just decorated*), yellow, or red, according to the stellar spectrum.  
*(10 minutes)*
4. Paper stars taped onto blue paper on wall wherever individual chooses.  
*(10 minutes)*
5. Individuals step back after at least 5 stars are posted and draw their own constellation from the star arrangement they see.  
*(15 minutes)*
6. Individual constellations collected and one is chosen as the John Heinz constellation.  
*(15 minutes)*

## Discussion

1. The science of stars—stellar spectrum/star age
2. Community, collective contribution, and conservation—helping the John Heinz Wildlife Refuge's efforts and principles
3. Appreciation of nature—the environment and the night sky

