

**S.T.E.A.M. Project:**  
**ARCTIC ANIMAL RESEARCH MOBILE**

**Purpose:** The purposes of this STEAM based mobile project are to learn about the Arctic, practice research skills, build scientific communication skills, use fine motor skills, and encourage science, ocean and climate literacy. The project can be completed in groups or by individuals.

**Supplies:**

printouts  
notecards  
scissors  
glue  
hole punch  
string  
colored pencils, crayons or markers  
*Sea Bear* and other reference materials  
beads or other decorative items for stringing (optional)

**Directions:**

1. Color animals
2. Cut out animals
3. Punch holes where indicated
4. Research animals, ideally from other resources, but *Sea Bear* can be used.
5. Write down information about each animal on individual notecards.
6. Punch holes where indicated
7. Hang with string
8. Optional: String beads or other decorative items on mobile.

**Other Recommended Titles:**

If Polar Bears Disappeared by Lily Williams  
Polar Bear by Jenni Desmond

**Online Resources:**

Polar Bears International <http://polarbearsinternational.org/polar-bears>

**S.T.E.A.M. ACTIVITY GUIDE:**  
Arctic Animal Research Mobile Plans  
*Sea Bear: A Journey for Survival*  
by Lindsay Moore

Use the drawings of animals provided  
OR  
encourage students to draw their own.

If using plastic beads, please consider  
repurposing gold necklaces or salvaged  
art supplies. Plastic is a problem in our  
lakes, rivers and oceans.

Optional decorations allow students to  
experiment with weight and balance as  
well as art and design.





