For the website:

**Program Planning Worksheet**

|  |  |
| --- | --- |
| **Title of Program** | Snowflake Mobiles |
| **Date(s) of Program** | Tuesday, January 10; Thursday, January 19; and Thursday, January 26, 2022, from 6 – 7 pm each night. |
| **Location(s) of Program** | Powell Library Meeting Room |
| **Lead Staff Person, job title** | Becky Ault, Branch Assistant II |
| **What is the purpose of this program?** How is it relevant to the Library’s mission, promote collections, support the community, promote lifelong learning? | The purpose is to introduce K-8 children to physics principles that are involved in creating mobiles. It is relevant to the Library’s mission because it is educational and also recreational as the participants will be creating art as well as learning. Collections will be promoted by reading and/or displaying books related to the topic and encouraging the children to read more on their own. In addition, a list of possible books to consider checking out on the topic will be included in the take-home handout. The community is supported because all are welcome to attend. Lifelong learning is promoted by generating interest in a topic and encouraging participants to explore further on their own. Parents in attendance have also expressed additional interest in STEAM topics, so lifelong learning is being promoted in these patrons, too. |
| **Program content and implementation.** What are you going to do and how are you going to do it? Who is the presenter, including staff, and what are the person’s credentials. | We will discuss force, center of mass and torque, and how forces can be balanced. Pictures, diagrams, videos, and handouts will also graphically display the information. To further enhance understanding, each participant will then create a snowflake mobile with sticks, snowflakes made from various materials, and string. We will test the mobiles to see that each is successfully able to balance the forces exerted on it. |
| **Supplies needed.** Estimate cost if any. Where will funds come from? | Snowflake cut-outs from various materials - craft foam, cardstock, copy paper will be used. Any craft foam needed will be ordered from downtown. Cardstock & paper are already at Powell. |
| **Equipment needed.**  If you don’t have needed equipment at your location, where is it coming from? Has it been reserved? How is it being delivered? | Becky will provide a laptop and projector for any pictures and/or videos to display on the screen. |
| **Title of book(s) being discussed** | Various books related to physics from the Powell Library juvenile collection will be highlighted, and participants will be encouraged to explore the topic further on their own. |