

Science Circus

Overview

Science circuses provide a rich set of experiences about a science topic. Your science circus will consist of **three activities** on a science topic and your **plan for questions** that would lead to a better understanding of that topic. **One of your activities must include utilizing a resource in the community.**

Instructions

Each team of 3 students will create a set of station activities that are centered around ONE science standard. Each station must use common, everyday life materials and create a scenario that invites students to explore them and come up with their own ideas. One of your stations must include utilizing a resource in the community (park, museum, zoo, land feature, etc.). We will be modeling this in class this week.

Science Concepts/Dates

Earth Space Science

- **# groups**
- Science Standard Codes:
 - PreK: Any listed on pg. 45 for **CS 4** for 4-year-olds
 - Grade K-3: Any ESS coded standard for K-3 (except the 2 listed above)

Physical Science

- **# groups**
- Science Standard Codes:
 - PreK: Any listed on pg. 43 for **CS 2** for 4-year-olds
 - Grade K-3: Any PS coded standard for K-3

Submissions are due by 4:59 pm on the day your team is assigned to lead your circus! Your team must submit the following **PRIOR** to your assigned circus date.

Overview of the 3 activities including the materials needed and question/scenario card for each station/activity.

- List of guiding questions you will use to lead the post-circus discussion to help facilitate a better understanding of the standard your team chose. (Est. 5-6 questions)

Your team **MUST** be prepared to lead your circus on the night you are assigned!

Grading Schema

- For each activity/station:
 - Clear connection made to K-12 Louisiana Student Standards for Science (2017); standards are referenced. (3 points)
 - Science content knowledge is clearly demonstrated. (3 points)
 - Appropriately develops the practices of science and engineering aligned to the standard. (3 points)
 - Clear and concise directions for the scenario. (3 points)
 - Connection to a community resource for 1 activity. (3 points)
 - Facilitation/prepared for class to "experience". (3 points)
- Discussion Questions:
 - Submitted prior to facilitation of circus. (3 points)
 - Aligned with the science standard. (3 points)
 - Assist in developing student understanding of science content and practices. (3 points)
 - Facilitation of class discussion. (3 points)