



MosSE (Montana spectrUM Science Experience)

Brain Exhibition Requirements

Overview: Our objective is to reach *all* Montanans with our world-class, hands-on science exhibits, activities, and educators, not just Montanans living in or near urban centers. We travel the state, setting up science centers in school gymnasiums and community centers, bringing the wonder and discovery of science to all Montanans.

Programs:

1. Circus of Science Field trips: School groups can visit the exhibits for a 45 minute to 1½ hour field trip experience. Each field trip starts with a group introduction and discussion with spectrUM educators, proceeds to a guided exploration, and concludes with a group discussion of the science concepts learned.

2. Circus of Science Family Science Night: Family Science Nights allow children to share the joy of hands-on science discovery with their family members. This is a self-guided experience with spectrUM Educators on the floor to help interpret science concepts and engage families in learning. Exciting demos are included in the Family Science Night, such as Liquid Nitrogen Demos or guided dissections.

***Once we book our exhibit with your school, here is what we will need from you:**

1) **Host site specifications:**

- a. **Space-** The *Brain* exhibit can fit in spaces ranging in size from a standard classroom to a full-sized gymnasium. If host site wants the “Big Sky Big Brain” piece, a full-sized gymnasium is required.
- b. **Tables and outlets-** *The Brain* requires four folding tables and access to four power outlets.
- c. **Set up/Tear down:** We typically need 1 ½ hours for set-up and 1 hour for tear-down. We usually set up the exhibit the evening before and will need someone to meet us at the school to let us in.

2) **Lodging, if possible-** It is greatly appreciated if the host site provides housing in homes, hotels, or dorm rooms for spectrUM Educators and staff, usually 2-3 adults. Each adult requires a separate room and a separate bed. Host Site is not required to provide food or transportation.

3) **School Lunch-** spectrUM educators are often provided school lunch. This is not required, but greatly appreciated as it does help keep our program costs down.

4) **Volunteers-** Volunteers greatly enhance the field trip experience because children will get to experience more stations. Often times, schools will have high school students volunteer for an hour as a way to earn extra credit. We can use up to 2 high school or parent volunteers per field trip. Host site will need to provide 2-4 volunteers if they are holding a Family Science Night.

5) **Press:** spectrUM will send a press release through The University of Montana to distribute to Missoula and Host Site local press. We will also send a press release to the Host Site.

6) **Schedule-**Please provide spectrUM with a field trip schedule at least a week before we arrive.

Sample Schedule:

Time	Grade	# of students	Teacher
8 :30-9:25	K-1	30	
9:30-10:25	3-4	32	
10:30-11:25	5-6	28	
11:30-12:30	7-8th	25	
12:30-1:15	lunch	-----	-----
1:15-2:15	9 th -10 th	36	
2:20-3:15	11 th -12th	39	

Please note: Field trips typically last 45 minutes to 1 ½ hours. We can accommodate up to 40 children at a time, but prefer group sizes closer to 25. Schools should schedule 5-15 minutes between fieldtrips for clean up. spectrUM staff require a 30 minute lunch break in the middle of the day. Teachers are expected to accompany students on field trips.