

SCIENCE ON WHEELS – Community Outreach Project

The Science on Wheels (SOW) Mobile Science Lab is a community outreach project, in which LeMoyne-Owen seeks to incorporate interactive technology with fun-filled, hands-on science experiments in an actual laboratory setting on site.

The SOW lab travels to underserved schools and other community outlets in the urban Memphis region. Fourth- and fifth-grade students, in particular, are targeted because research has shown that this is the timeframe where children are either turned “on” to science or turned “off.”

The mobile lab has been outfitted with state-of-the-art laboratory equipment and computer technology. Students who would not ordinarily be exposed to these types of experiences are able to actively participate in real life applications of science.

SCIENCE ON WHEELS Goals:

For the students:

- 1) Increases students’ interest and confidence with fun and practical learning experiences by making science real and relevant to their everyday life;
- 2) Exposes students to hands-on science learning with professional-grade science equipment; and
- 3) Provides information and opportunities for students to envision and pursue careers in science.

For the community:

- 1) Contributes to science literacy in the society;
- 2) Heightens public awareness of the importance of and funding necessary for quality science education;
- 3) Strengthens the education foundation necessary for economic development and prosperity; and
- 4) Contributes to making Americans competitive with and challenge other nations in STEM fields.

If you are interested in having Science on Wheels visit your school or participate in a community public event, please email us at scienceonwheels@loc.edu

Please note that for school visits, we are only able to engage with 4th and 5th grade students at this time due to staffing and limited availability.

Request for site visits should be made at least one month in advance of the requested date.

Fees: There is no charge for school site visits. Fees for community events will be assessed based on time requested and number of participants. Please note that we are not available to do birthday parties or VBS.

Additional questions can be addressed by emailing us at scienceonwheels@loc.edu