

2021-22 PROGRAM DETAILS

SPRING SESSION DETAILS

INSPIREus will continue to host programs at DREAM and the Don Moyer Boys and Girls Club in the spring semester! Check back soon for a detailed outline of the sessions.

FALL SESSION DETAILS

Session	Session Type	Description + Activities
Week 1	Experiment/lab-based session	We'll kick off the year with an experiment investigating states of matter through making our own ice cream! We'll look at how manipulating the temperature causes changes in energy and transforms matter from liquid to solid, and students will learn the basics of designing an experiment.
Week 2	Intro-to-a-field day	We'll have stations showcasing different areas in STEM through activities and demonstrations! Students will learn about how they can get involved in STEM and explore topics such as chemistry, bioengineering, and computer science! (Topics will vary based on volunteer decisions.)
Week 3	Engineering design challenge	We'll have a friendly competition, challenging groups to design, build, and test mousetrap cars. Students will exercise their problem-solving skills and learn about the physics and concepts behind a winning vehicle.
Week 4	Semester group project work	We'll give the entirety of this session to complete their semester group project! Students will build on the work they've begun with their mentor groups during the last 15 minutes of previous meetings, incorporating skills they've learned throughout the semester to complete a fun, interactive project!
Week 5	Parent showcase with project	At this session, we'll celebrate students' success in

	presentations (& sessions)	the program! Students will get to show off all their hard work to their friends and parents, including presenting their long-term project.
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