

Plan your JMU field trip with The Center for the Advancement of Sustainable Energy:

Wind Activities

- Energy book reading (~30 minutes)
- Make a windsock or anemometer (~30 minutes)
- MacGyver Challenge (~1 hr)
- Make a sail car (~1 hr)
- Wind Turbine Challenge (~2 Hours)

Solar Activities

- Energy book reading (~30 minutes)
- Make solar powered water fountains (~30 minutes)
- Solar Scavenger Hunt (~ 1 hour)
- Make Solar Lego Cars (~1 hour)
- Solar House Challenge (~1 hour)
- Solar pumping challenge (~1 hour)

Suggested Timeline Options

*Timing is estimated and does not include lunch time

Full Tour (~1.5hr)

Hillside Solar &
Wind Training Facility Tour
+
Science on the Sphere

1 Hour Wind Focused

Wind Training Facility Tour
+
Make a windsock or anemometer

1 Hour Solar Focused

Hillside Solar Facility Tour
+
Make solar powered water fountains

2 Hour Wind & Solar

Hillside Solar &
Wind Training Facility Tour
+
Make a windsock or anemometer or
Solar water fountains

2 Hour Wind Focused

1 Hour timeline
+
MacGyver Challenge or
Make a sail car

2 Hour Solar Focused

1 Hour timeline
+
Make Solar Lego Cars
or
Solar Scavenger Hunt

4 Hour Wind & Solar

2 Hour Timeline
+
MacGyver Challenge
+
Solar Scavenger Hunt

4 Hour Wind Focused

2 Hour Timeline
+
Wind Turbine Challenge

4 Hour Solar Focused

2 Hour Timeline
+
Solar House Challenge
OR
Solar Pumping Challenge

Scan this QR code or [click here](#) to start planning your visit



Contact Anna Reyes at reyes3ar@jmu.edu for more details or for help planning your visit



CENTER *for the*
ADVANCEMENT *of*
SUSTAINABLE ENERGY
JAMES MADISON UNIVERSITY