A total solar eclipse is a rare event that occurs when the Moon passes between the Earth and the Sun, completely blocking the Sun’s light from reaching the Earth.

**Path of Totality**
The track of the Moon’s shadow across the Earth’s surface during an eclipse.

**What is Special about this Solar Eclipse?**
DFW is the largest metropolitan area in the line of totality, with about 4.5 minutes of totality.

This eclipse will be the first total solar eclipse visible from the continental United States since the 2017 eclipse.

**Total Eclipse vs. Annular Eclipse**
Total Eclipse: Moon completely covers the Sun
Annular Eclipse: Moon obscures all but an outer ring of the Sun

**LOOK DOWN**
Look at shadows on the ground, such as beneath a leafy tree, during the eclipse to see the crescent sun shadows projected by the spaces between the leaves.

**PHASES OF THE TOTAL ECLIPSE**
- **First Contact**: 12:23 p.m. Eclipse Begins
- **Second Contact**: 1:40 p.m. Total Eclipse Begins
- **Totality**: 1:42 p.m. Maximum Phase
- **Third Contact**: 1:44 p.m. Totality Ends
- **Fourth Contact**: 3:02 p.m. Eclipse Ends

**VIEWING SAFETY**
- **Always** look at the sun with special solar filters, eclipse glasses or handheld solar viewers.
- **Assist children**. Children should only use with adult supervision.
- **Cover your eyes** with the eclipse glasses or solar viewer before looking up at the bright sun. After glancing at the Sun, turn away and remove the filter – do not remove while looking at the Sun.
  - Limit to 3 minutes of continuous use, intermittently for several hours.
- **Do not** use homemade filters or ordinary sunglasses, even very dark sunglasses.
- **Do not** look at the sun through a camera, telescope, binoculars or other optical device.
- **Never** use solar filters on devices, as solar rays may cause damage and can cause serious eye injury.
- **Do not** move around, drive a motor vehicle or operate machinery when using eclipse glasses.
- **Do not** use scratched or damaged eclipse glasses.

**CityofIrving.org/Eclipse**
Monday, April 8
Noon to 3 p.m.
Heritage Park
217 Main St.
Levy Event Plaza
501 E. Las Colinas Blvd.