

SPACE WEEK

**Teacher Professional Development**

TRAJECTORY: SPACE – INSPIRE Students | EMPOWER Teachers | PROPEL Our Community

A program of Tulsa Regional STEM Alliance

Saturday, January 27, 2018

**8:30 a.m. – 9:00 a.m.** Registration

**9:00 a.m. – 9:15 a.m.** Welcome

Mandy Leemhuis, President, Tulsa Flight Night &

*Director*, NORDAM Office of Corporate Responsibility

Bryan DeBates, *Vice President- Education*, Space Foundation

Slade Bradbury, *Space Education Specialist*, Space Foundation

Beth Ortiz, *Space Education Specialist*, Space Foundation

**9:15 a.m. – 10:00 a.m.** Weather **(Standard: Earth & Space Science – ESS2)**

(A look at low and high-pressure systems) – *Low-pressure System Pinwheels*

**10:00 a.m. – 11:00 a.m.** Kinesthetic Astronomy **(Standard: Earth & Space Science – ESS1)**

**11:00 a.m. – 11:45 p.m.** Create an Alien **(Standards: Life Science – L2, L3, L4)**

(This is an ecosystem focus with a twist :^)

**11:45 a.m. – 12:15 p.m.** LUNCH

**12:15 p.m. – 2:15 p.m.** Rotations: (Exoplanet Art, Coding with Spheros, Electromagnetic Obstacle Course) **(Standards: Physical Science – PS1, PS2, PS3. Visual Art Expression,**

**Creating, Connecting, and Appreciation. Mathematics – Geometry &**

**Measurement)**

**2:15 p.m. – 2:30 p.m.** Debrief/Wrap-Up

