

## **STEM SOCIAL CHEAT SHEET**

Welcome to NASA's SpaceX Demo-2 Launch- launching American astronauts from American soil! Use this cheat sheet for mission-based #LaunchAmerica factoids.

## **Fast Facts**

- Get ready for NASA's SpaceX Demo-2 with a <u>VR tour of</u> <u>SpaceX HQ in CA!</u>
- SpaceX's #CrewDragon spacecraft will re-establish human launch capabilities with regular flights to the International Space Station (ISS). This will increase the use of the orbiting lab's unique research environment. Learn more at <u>nasa.gov/</u> <u>stem/ccp</u>
- Astronauts Bob Behnken and Doug Hurley worked with SpaceX developing their new spacecraft to provide round trip crew transportation to the ISS. Think you have the skills? Test them with the #NextGenSTEM <u>Ride to Station App</u>!
- #CrewDragon can be monitored and controlled by onboard astronauts and SpaceX mission control in Hawthorne, CA. Improve your coding skills by docking Crew Dragon with the ISS #NextGenSTEM <u>CCP CODing Simulator</u>!
- Atop a Falcon 9 rocket, #CrewDragon will make its journey from Launch Complex 39A at NASA's Kennedy Space Center in Cape Canaveral, FL. Explore sounds and vibrations during a launch with <u>Astro-Not-Yets Explore Sound storybook</u>!
- Care packages to the space station have included grapefruits, tomatoes, Skittles, Reese's Pieces and Hot Tamales. What would you bring? Maybe these <u>A-Z Activity Sheets</u>?
- #CrewDragon is designed for water landings and seven passengers. Could you land a spacecraft? Challenge yourself with the Eggstronaut Parachute Design!



## **Commercial Crew Facts**

- In 2014, NASA awarded Commercial Crew Transportation Capability to Boeing and SpaceX to transport American astronauts to the Space Station from American soil for the first time since 2011.
- NASA is working with the American aerospace industry as companies develop and operate a new generation of spacecraft capable of carrying crews to low-Earth orbit.
- NASA is using the <u>Space</u> <u>Station</u> to conduct cuttingedge research and technology development.
- NASA's goal is to facilitate commercialization and achieve a robust economy in low-Earth orbit while focusing government resources on deep space exploration through the <u>Artemis program</u>.

