

5th Grade Anchor Activity Schedule: Aerospace Museum of California

School	Date	Time
Allison	October 20, 2017	9:00-11:00
Babcock	October 27, 2017	11:30-1:30
Castori	November 3, 2017	9:00-11:00
CCAA	November 3, 2017	11:30-1:30
Del Paso	December 1, 2017	9:00-11:00
Fairbanks	October 17, 2017	9:00-11:00
Foothill Oaks	December 1, 2017	11:30-1:30
Foothill Ranch	November 2, 2017	11:30-1:30
Frontier	October 19, 2017	9:00-11:00
Garden Valley	October 17, 2017	11:30-1:30
Hagginwood	October 19, 2017	11:30-1:30
Hillsdale	October 24, 2017	9:00-11:00
Johnson* (3 AM classes & 3 PM classes)	November 9, 2017	9:30-11:30 12:00-2:00
Joyce	October 26, 2017	9:00-11:00
Kohler	December 7, 2017	9:00-11:00
Madison	November 7, 2017	9:00-11:00
Northwood	October 24, 2017	11:30-1:30
Oakdale	October 26, 2017	11:30-1:30
Orchard	November 7, 2017	11:30-1:30
Pioneer	November 30, 2017	9:00-11:00
Regency Park* (3 AM classes & 2 PM classes)	December 5, 2017	9:30-11:30 12:00-2:00
Ridgepoint	November 2, 2017	9:00-11:00
Rio Linda Prep	November 30, 2017	11:30-1:30
Sierra View	December 12, 2017	9:00-11:00
Smythe	December 7, 2017	11:30-1:30
Strauch	December 12, 2017	11:30-1:30
Village	December 14, 2017	9:00-11:00
Westside	October 27, 2017	9:00-11:00
Woodlake	October 20, 2017	11:30-1:30

*Due to size, these schools will split into two groups and attend either an AM (9:30-11:30) or a PM (12:00-2:00) session at the museum.

Activity Description:

Take Flight - Students will participate in the engineering design process as they build planes and rockets, and explore hover ports, and wind tunnels, all while uncovering the fundamental principles of flight.

NGSS Standards Addressed:

- 5-PS2-1 Support an argument that the gravitational force exerted by Earth on objects is directed down.
- 3-5-ETS1-1 Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.
- 3-5-ETS1-2 Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.
- 3-5-ETS1-3 Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.