

Lighthouse School Improvement Plan Name of School: Jacksonville Lighthouse
Charter Schools: Flightline

Science Goal Statements (Include your data analysis)

Goal Statement 1: By June 2019, 56% of Flightline scholars will be Proficient on the Science ACT Aspire. In 2018, 71 out of 141 scholars or 50% of the total population scored Proficient on the ACT Aspire in Science. By moving 8 of the Close scholars or new scholars that did not take the ACT Aspire, we will meet our goals. By increasing Science scores, all areas of the 2019 ESSA report (Achievement and Growth) will increase.

Goal Statement 2: By June 2019, the Student Growth Percentile rate for the school in Science will exceed 65%, up from 54% in 2018 and 61% in 2017. The increases in SGP will lead to an increase in overall ESSA score.

Evidence –based initiative/Interventions or strategy specific to the improvement efforts and support needed for implementation (Include timelines for each initiative/intervention or evidence based strategy)

1. Teachers will execute hands-on interactive science lessons 2-3 times per week.

- Plan PD for curriculum and lab planning – June 2018
- Provide PD training – July/August 2018
- Provide planning time – July/August 2018
- Interactive Science Reviews- Ongoing, Bi-Weekly Content Meetings
- Film Two Labs plus group reflection- October and February
- Teachers instruct using strategies in classrooms – ongoing
- Admin observations/feedback sessions – ongoing
- Quarterly review of ACTASPIRE Science Data for instructional purposes and tracking – 1st, 2nd, 3rd, 4th

2. Teachers will create pre/post assessments for science content and skills.

- Plan PD for interpretation of NGSS standards and test design utilizing Webb’s Depth of Knowledge – June 2018
- Provide PD training – July/August 2018
- Provide planning time – July/August 2018
- Teachers instruct using strategies in classrooms – ongoing
- Admin observations/feedback sessions – ongoing
- Student-Led Data Analysis Shares- Monthly
- Quarterly review of ACTASPIRE Science Data for instructional purposes and tracking – 1st, 2nd, 3rd, 4th

Expected Outcomes and Improvements or gains by implementing this evidenced based initiative, intervention or strategy:

- An increase in the number of scholars performing on or above grade level based upon ACT Aspire Interim and Summative science assessment.
- A higher interests in science and STEM activities.
- Scholars will have a greater ability to analyze data, process information, and problem solve.