

Lighthouse School Improvement Plan Name of School: Jacksonville Lighthouse  
Charter Schools: Main Campus

**Mathematics Goal Statements (Include your data analysis)**

Goal Statement 1: By June 2019, 52% of JLCS scholars will be at the ready or exceeding level on ACT Aspire math assessments. In 2018, the overall percent of math proficiency was 30%. 223 scholars took the math assessment. 6% (14 scholars) were exceeding, 24% (54 scholars) ready, 47% (105 scholars) close, and 22% (50 scholars) in need of support. By increasing mathematics scores, all areas of the 2019 ESSA report (Achievement and Growth) will increase.

Goal Statement 2: By June 2019, overall mathematics student growth percentile average will increase to 45%. The math average student growth percentile for 2018 was 34.55%.

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. A quality RTI program will be designed during Summer PDI that focuses data or mathematics skills scholars continue to struggle on. Pre/Post assessments will be created to track scholar progress.
  - Research effective RTI materials – June/July 2018
  - Create RTI groups – June/July 2018
  - Identify skills – June/July 2018
  - Create lessons/activities – July/August 2018
  - Create pre/post assessments – July/August 2018
  - Implement RTI – September 2018
  - Data Review – Weekly
  - Assess Program – Mid Year
  - Make adjustments – January 2019
  - Continue Cycle – January-May 2019
2. Implement school computer based math program academic challenge. (Moby Max or Zearn)
  - Research effective computer based math programs – May/June 2018
  - Purchase program - June 2018
  - Enroll scholars into program – July 2018
  - Work with group of teachers to design math challenge – July 2018
  - Recruit local community members for prizes for scholars – July 2018
  - Train scholars on program – July/August 2018
  - Kickstart Assembly August 2018
  - Weekly, Monthly, Quarterly Incentives – Ongoing
  - Teachers assign focus skill activity based off of scholar needs – Weekly
  - Teachers and PAL review data - Monthly
  - Math Challenge Year end Prizes Assembly June 2019
3. Utilize Eureka Math Curriculum and differentiated math stations.
  - Purchase Curriculum – June 2018
  - Plan PD around curriculum and differentiated math stations – June 2018
  - Train teachers on Curriculum – July/August 2018
  - Train teachers on differentiated math stations – July/August 2018
  - Teachers instruct using curriculum/differentiated math stations – ongoing
  - Admin observations/feedback sessions – ongoing
  - Additional training – as needed
4. Administer ACT ASPIRE interim assessments to progress monitor and adjust instruction as needed.

Lighthouse School Improvement Plan Name of School: Jacksonville Lighthouse

Charter Schools: Main Campus

**Mathematics Goal Statements (Include your data analysis)**

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 NWEA and ACT Aspire data.
- Increase in the proficiency level percentage on ACT Aspire
- Efficiency in mathematical fluency.
- Increase in usage of mathematical problem solving strategies.
- More individualized instruction geared at meeting scholars at their academic needs.
- Increase in SGP for all scholars.