

Lake Asbury Junior High School STEAM program

NEED FOR CHOICE IN CLAY:

STEAM is one of the top Choice programs requested by junior high school parents in CCDS, and the top requested Choice program in elementary schools. By creating a STEAM school at the Junior High level, Lake Asbury Junior, who has the greatest number of feeders in the district, will be able to impact the greatest number of students. Lake Asbury is one of the largest junior high schools in Clay County and desires to have a competitive program that maintains its home-zoned students. Lake Asbury Junior High has a high ESE population. STEAM/STEM instruction uses Project Based Learning as an instructional model. Project Based Learning as a pedagogy is a great vehicle for meaningful inclusion because each of its project design elements and teaching practices are geared toward creating the kind of engaging and dynamic learning environment that are *also* known to best serve students with a wide range of disabilities.

FEEDER ALIGNMENT	<p style="text-align: center;">Coppergate Elementary School for Visual and Performing Arts</p> <p style="text-align: center;">↓</p> <p style="text-align: center; color: orange;">Lake Asbury Junior High School STEAM Program</p> <p style="text-align: center;">↓</p> <p style="text-align: center;">Future High School Arts Programs</p>
OVERALL COST AND DESCRIPTION	<p>Total Cost: \$114,000</p> <ul style="list-style-type: none"> ● Professional Development \$18,000 <ul style="list-style-type: none"> ○ Teacher Driven PLCs ○ Buck Institute ● Technology \$36,,000 <ul style="list-style-type: none"> ○ 120 Chromebooks for Cohort ● Learning Materials \$20,000 ● Flexible Furniture \$40,000 <p>Collaborate with feeder elementaries: CEB, CGE, DIS, LAE, MBE, ROE, SLE and SPC through professional development and PBL student activities.</p>
MULTI-YEAR PLAN FOR IMPLEMENTATION	<ul style="list-style-type: none"> ● Pre-Year 1 <ul style="list-style-type: none"> ○ Determine lead teachers and train ○ Market program to incoming 7th graders ● Year 1: Cohort of 7th graders <ul style="list-style-type: none"> ○ All content areas ○ Technology and/or Arts resource ● Year 2: Cohort of 7th and 8th graders in all content <ul style="list-style-type: none"> ○ All content areas ○ Technology and/or Arts resource ● Year 3: Expand program size

STEAM Three Year Rollout

Year 1
2019-20

Professional Development for Teachers	\$18,000
Chromebooks	\$36,000
Flexible Furniture	\$40,000
Learning Materials	\$20,000
\$114,000	

Year 2
2020-21

Professional Development for Teachers	\$18,000
Chromebooks	\$36,000
Flexible Furniture	\$40,000
Learning Materials	\$20,000
\$114,000	

Year 3
2021-22

Professional Development for Teachers	\$18,000
Chromebooks	\$36,000
Flexible Furniture	\$40,000
Learning Materials	\$20,000
\$114,000	