



Board Agenda Item #	Item # IIE-Discussion Item
Date:	Thursday, May 20, 2021
To:	MPS Board of Directors- Academic Committee
From:	Alfredo Rubalcava, CEO & Superintendent
Staff Lead:	Erdinc Acar, Chief Academic Officer and David Garner, MSA-2 Principal
RE:	MSA-2 Magnet Program Updates

Proposed Board Recommendation

N/A

Background

MPS Staff will deliver verbal updates regarding the Magnet program.

Attachments

None



Magnolia Science Academy - 2 Updates for Academic Committee

Presented by:
David Garner

SUCCESS



LOADING...

- Java course - Edhesive Professional Learning Course for AP Computer Science curriculum.
- 12th grade student received \$40,000 scholarship from Amazon Future Engineer College Scholarship (1 out of 100 winners)
- Supporting students to pass the OCA (Oracle Certified Associate) exam to open doors for students through coding literacy.
- 14 students enrolled in AP Java Programming program from MS and HS
- Participated in LACOE History Day and competed in CA State History Day finals
- Participated in Math Counts - one student eligible for second round
- AMSP Advanced math programs for 6th graders - 33 students eligible to participate

\$40,000 Scholarship Winner



Amazon Future Engineer
Scholarship Program



college
HERE I COME →

Accepted



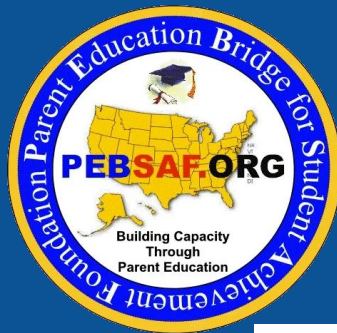
Berkeley
UNIVERSITY OF CALIFORNIA





- NASA Summer Internship
- A+Math Clubs/Competitions
- LACOE History Day Competitions
- College Signing Day
- Alumni Association Network Meetings
- MSA-2 Math Matters
- AP / College Info Night
- 1-on-1 Meetings with 12th Graders





BTSA Induction



Serving Students • Supporting Communities • Leading Educators





- MyON - 2,221 books have been finished for middle school students enrolled in SSR classes
- College Cohort and Dual Enrollments - expansion of programs
- 18% (81 students) enrolled in advanced math (1 year ahead)
- 2020-21 Reclassification Rate - 14%

- 100% graduation rate for 12th grade
 - 90% completion of UC/ CSU requirements for 12th grade
 - 66% of seniors are college and career ready (as of now)
 - 100% staff completion, 95% student completion, and 92% parent completion for Panorama stakeholder surveys
-



MPS Historical Survey Participation Rates - Students					
	2016-17	2017-18	2018-19	2019-20	2020-21
MSA-2	83.6%	88.9%	97.0%	99.3%	95.1%

MPS Historical Survey Participation Rates - Families					
	2016-17	2017-18	2018-19	2019-20	2020-21
MSA-2	100.0%	100.0%	100.0%	85.8%	91.8%

MPS Historical Survey Participation Rates - Staff					
	2016-17	2017-18	2018-19	2019-20	2020-21
MSA-2	89.7%	94.7%	100.0%	100.0%	100.0%

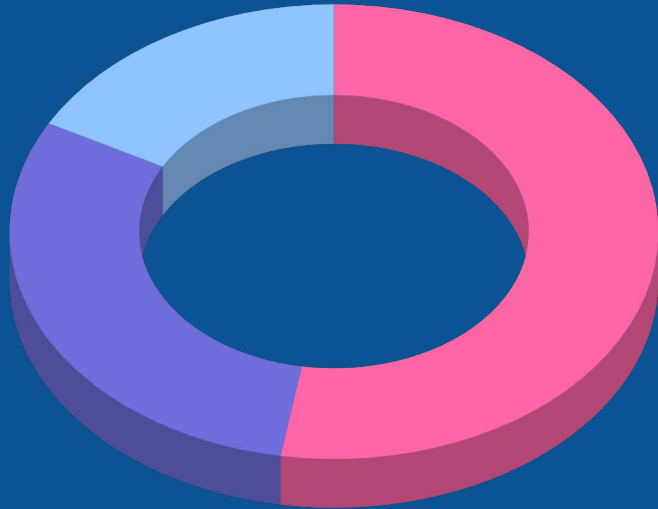
2020-21 Family Survey Summary - Percent Favorable						
	AVERAGE	Topic 1	Topic 2	Topic 3	Topic 4	OVERALL SAT
MSA-2	98%	99%	98%	97%	98%	99%

2020-21 Secondary Student Survey Summary - Percent Favorable						
	AVERAGE	Topic 1	Topic 2	Topic 3	Topic 4	OVERALL SAT
MSA-2	76%	82%	76%	74%	68%	88%

2020-21 Staff Survey Summary - Percent Favorable						
	AVERAGE	Topic 1	Topic 2	Topic 3	Topic 4	OVERALL SAT
MSA-2	94%	99%	93%	94%	91%	98%



Class of 2021 - Senior Mustangs



Advanced Diploma

7 students eligible based on cumulative GPA

Standard Diploma

14 students eligible based on cumulative GPA

4 students - State Minimum Requirements

Honors Diploma

16 students eligible based on cumulative GPA

- ❖ 41 seniors
- ❖ 13 students eligible for Golden State Seal Merit Diploma

Status of Current Seniors



- **All seniors except for four (37) are on track to meet A-G requirements 90.2%**
(final determination after completion of all requirements - June 2021)
 - Four seniors are working toward state minimum requirements for standard diploma
 - One student - in danger of drop out, returned to MSA-2 to finish requirements
- **All seniors are on track for graduation if all classes are completed successfully**

Early College Magnet Program

- Started Summer 2020
- Courses offered/offering/planning to offer
 - **Counseling 20** - Summer 2020 - 44 students
 - **Anthropology 1** - Fall 2020 - 31 students
 - **Cinema 103** - Fall 2020 - 20 students
 - **Art 501** - Spring 2021
 - **Oceanography 1 &10** - Summer 2021
- Four-Year Plan (in progress)



College Courses - Past Courses

- **Child Growth & Development Child Dev 1 - Spring 2018 - 37 Students**
- **Elementary Astronomy - Astronomy 1 - Spring 2019 - (31 Students)**
- **Physical Geography - Geography 1 - Fall 2019 - (39 Students)**
- **Probability & Statistics - Math 227 - Spring 2020 - (10 Students)**



College Courses - LA Mission College

- **Fall 2020**

- English 101 (29 Juniors & Seniors)
- Business 101 (17 Juniors & Seniors)

- **Spring 2021**

- English 102
- Chem 65 with Lab



Incoming 9th Grade Cohort



- **Advanced Math Pathway (8th Grade - Int Math 1)**

- **17 students**

- **Recruitment/Retention**

- **Goal 100% of current 8th graders - 2-on-3 meetings (student/parent with Garner/Ike/Ali to recruit to College Magnet, Counseling 020 summer enrollment**

- **Enrollment Target (LAVC)**

- **Goal of 100% incoming 9th grade enrollment in LAVC completed by June 14 (start date for Counseling 020 summer course)**

Honors Magnet Middle School



- **Honors Math & Honors ELA Pathways**

- **Goal: 100% Summer MAP administration for 100% of incoming 6th graders**
- **Provide PD to instructors related to enhancing differentiation and enriched instruction in all ELA & math courses (honors coursework taught to /offered to all students, and optional for student completion)**
- **Invite all interested students to enroll in an “Honors Power Math” (2 days/wk) and “Honors Power ELA” (2 days/wk) during Power classes to provide (grades 6-8)**

Future HS Honors Magnet High School



- **Honors Math & Honors ELA Pathways**

- Launch Honors ELA course for high school students starting in 9th grade

- **Fall 2021**

- Goal of 100% incoming 9th grade enrollment in Counseling 020 with LAVC with co-teacher during summer 2021
- Goal: 100% of 11th graders enroll in Ethnic Studies with LAVC with co-teacher
- Goal: 100% of 12th graders enroll in Counseling 020 with LAVC with co-teacher

College Readiness Progress

2020-21 Percentage of Cohort Students Anticipated to Earn Prepared on the CCI (Updt. 4/11/21)

2019-20:	2020-21:	2020-21: (First semester)	4/11/21:	Progress	Progress	Progress	Progress	Exceeded Target by	On Target?
Baseline	Target	Progress	Progress	Progress	Progress	Progress	Progress	Exceeded Target by	On Target?
MSA-2	55.0%	63.0%	65.9%	65.9%				2.9%	Y

2020-21 Percentage of Seniors Who Completed at Least One College Course (Updt. 4/11/21)

2019-20:	2020-21:	2020-21: (First semester)	4/11/21:	Progress	Progress	Progress	Progress	Exceeded Target by	On Target?
Baseline	Target	Progress	Progress	Progress	Progress	Progress	Progress	Exceeded Target by	On Target?
MSA-2	57.9%	58.0%	57.5%	57.5%				-0.5%	Y

2020-21 Percentage of Graduating Seniors Meeting UC/CSU Requirements (Updt. 5/11/21)

2019-20:	2020-21:	10/16/20:	2020-21: (First semester)	4/11/21:	5/11/21:	Progress	Progress	Exceeded Target by	On Target?
Baseline	Target	Progress	Progress	Progress	Progress	Progress	Progress	Exceeded Target by	On Target?
MSA-2	92.1%	95.0%	92.5%	92.5%	92.5%	90.2%		-4.8%	Y

AP FIVE-YEAR SCHOOL SCORE SUMMARY

		2016	2017	2018	2019	2020
MSA-2	Total AP Students	42	45	43	54	49
	Number of Exams	83	71	89	71	66
	AP Students with Scores 3+	15	21	19	24	30
	Total AP Students with Scores 3+	35.7%	46.7%	44.2%	44.4%	61.2%



- AP Capstone
- Upcoming College Courses
- Enrollment and Recruitment
- Increased Retention of Incoming 9th Graders
- Increased Partnerships
- Increased STEAM activities
- Increase CTE Programs & Pathways
- Planning to offer honors classes for middle and high school classes (other than math)

Online Programs

**ONLINE,
NOT
ALONE**

Online Student
Support at UofL



- ALEKS
- Khan Academy
- Flocabulary
- myON
- Brainpop
- Gizmo- Science
 - APEX/Odysseyware
 - Edmodo
 - Code.org
 - Naviance
 - Boardworks
 - Quill / Grammar
 - Padlet
 - Standards Plus
 - Generation Genius
 - Storyboardthat
 - ClassVR





+50.2L

AVG Lexile Growth (per Student)

Summary Select a Visualization: Summary

139k

Minutes Read

153k

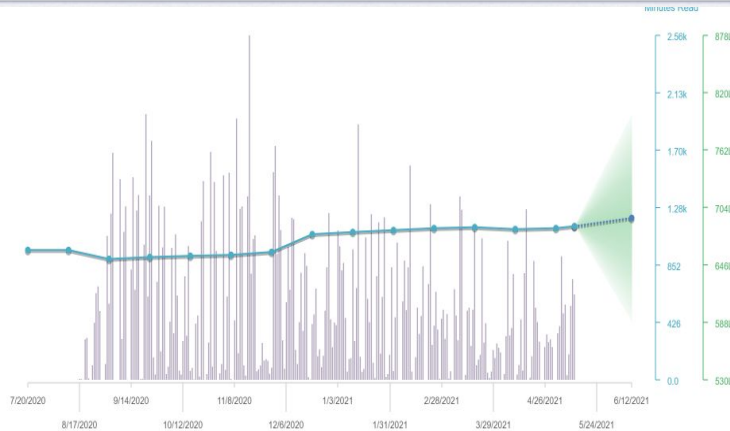
Pages

22.7m

Words

+24.0L

Lexile Growth



Minutes Read ■ Projected Lexile ■ AVG Lexile ■

Reports » News Reading



1.01k

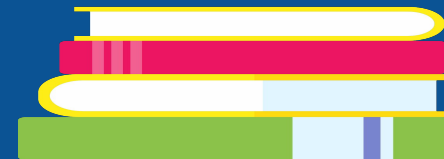
Articles Read

3.87k

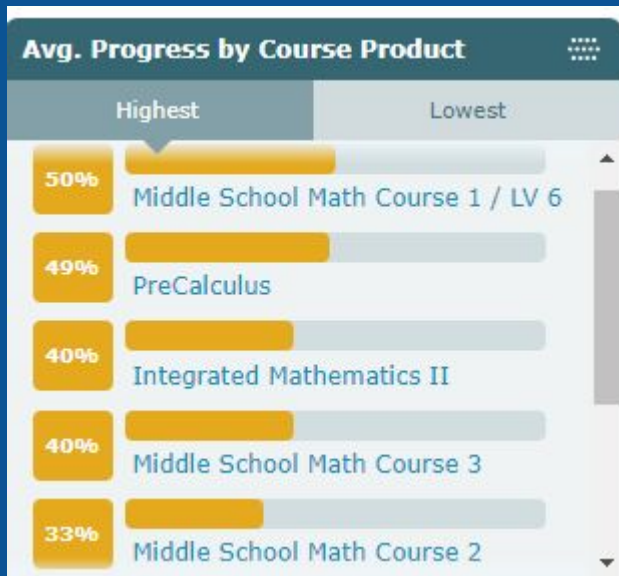
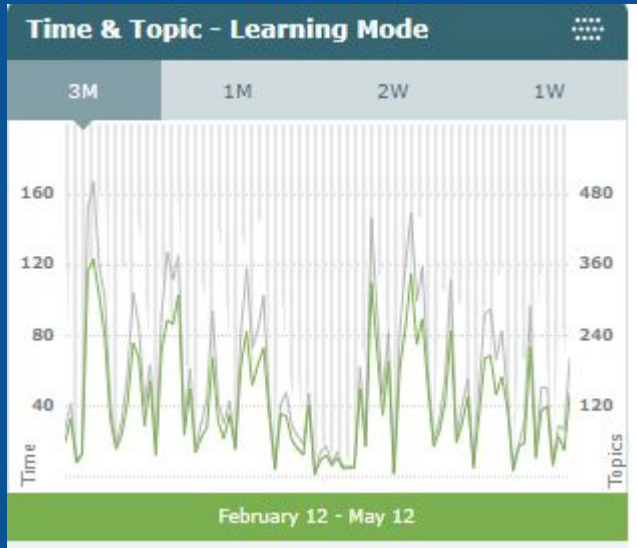
Minutes Read

3.8

AVG Minutes Read per Article



ALEKS[®]



Magnolia Science Academy 2 [8461]

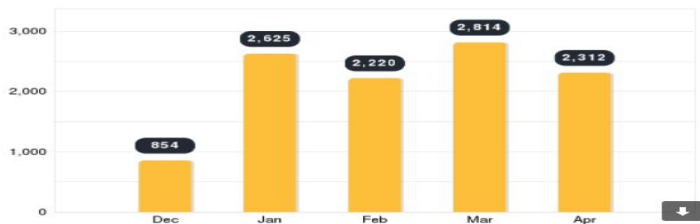
Average Progress Report

Based on ALEKS use from 08/25/2020 to 05/12/2021

Summary of all courses

ALEKS course	Number of students	Average hours spent in ALEKS	Beginning Knowledge (student avg)	Ending Knowledge (student avg)	Percentage Points Gained
Integrated Mathematics I	43	39.4	19%	27%	8
Integrated Mathematics II	58	44.2	22%	39%	17
Integrated Mathematics III	42	48.9	21%	33%	12
Middle School Math Course 1 / LV 6	104	40.7	26%	50%	24
Middle School Math Course 2	81	25.1	20%	33%	13
Middle School Math Course 3	85	54.8	28%	40%	12
PreCalculus	10	93.9	25%	49%	24

Total Activities Completed by Month



Usage by Subject Area



- Language Arts: 33.8%
- Social Studies: 32.1%
- Life Skills: 9.3%
- Current Events: 0.4%
- Math: 1.8%
- Vocabulary: 11.8%
- Science: 10.7%

Usage Report

MAGNOLIA SCIENCE ACADEMY 2

2020 - 2021 School Year

(August 1st, 2020 - April 30, 2021)

Active Educators	Active Students	Rostered Classes	Activities Completed
 16	 547	 98	 22,665

Usage by Bloom's Taxonomy Level



CREATING

Lyric Labs Written: 709

ANALYZING

Read & Responds: 3,219

APPLYING

Vocab Card Sets Created: 3,110
Quizzes Taken: 3,886

UNDERSTANDING

Vocab Games Played: 4,091

REMEMBERING

Videos Watched: 7,650

