



# **Curriculum & Instruction Impact**

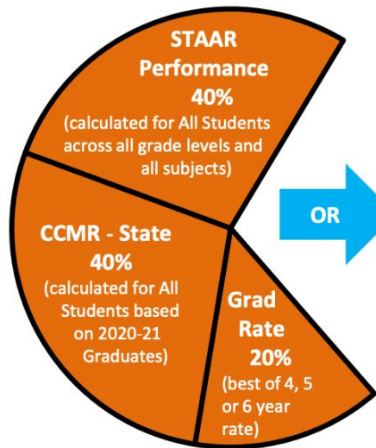
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**High School Advisory & Planning Committee**  
**November 2, 2022**

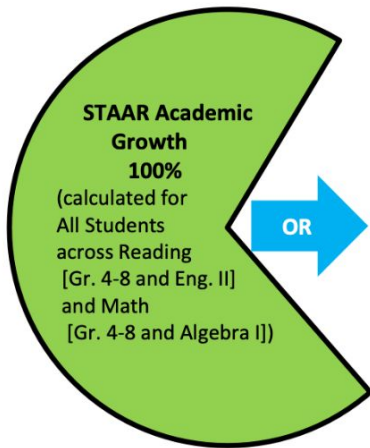


# Accountability Overview

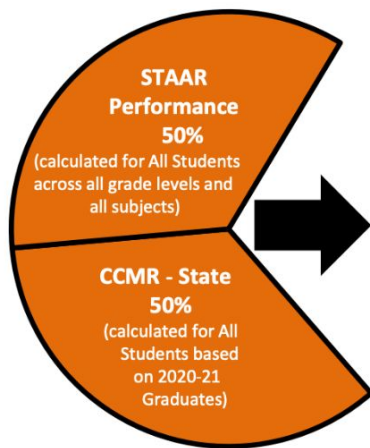
High Schools, K-12 Campuses, and Districts with CCMR Component\* (%ages shown indicate the relative weights of the applicable components in calculating the Domain or Area score)



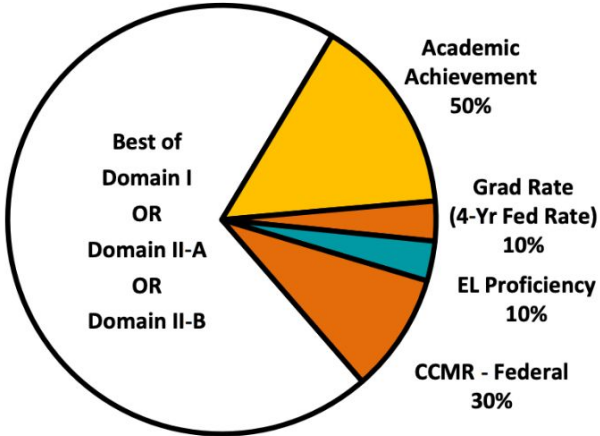
Domain I: Student Achievement



Domain II-A: Academic Growth



Domain II-B: Relative Performance  
(evaluated based on %EcoDis at campus or district)



Domain III: Closing the Gaps\*\*

Best of  
Domain I  
OR  
Domain II-A  
OR  
Domain II-B



# Curriculum

## Foundation Curriculum

- English Language Arts
- Math
- Science
- Social Studies

## Enrichment Curriculum

- Career and Technical Education (CTE)
- Fine Arts
- Health Education
- Languages other than English
- Physical Education
- Technology Applications



# CTE (Career and Technical Education)

## What is CTE?

Career and Technical Education

14 Programs of Study

Career Clusters

## What is STEM?

Science

Technology

Engineering

Math



# **CTE (Career and Technical Education)**

## **What Programs of Study/Career Clusters are offered at AHS?**

- Cybersecurity (STEM)
- Engineering (STEM)
- Business Management (Business, Marketing, & Finance)
- Accounting & Financial Services (Business, Marketing, & Finance)
- Marketing & Sales (Business, Marketing, & Finance)
- Digital Communications (Arts, Audio/Video Technology & Communications)
- Culinary Arts (Hospitality & Tourism)
- Healthcare Therapeutic (Health Science)
- Law Enforcement (Law & Public Service)



# CTE Courses at AHS

- Computer Science
- AP Computer Science A
- AP Computer Science B
- Independent Study in Technology Applications
- Engineering Essentials
- Introduction to Engineering Design
- Aerospace Engineering
- Engineering and Design Development
- Principles of Business, Marketing, & Finance
- Business Information Management I
- Virtual Business
- Business Information Management II
- Business Management
- Statistics and Business Decision Making
- Introduction to Culinary Arts
- Culinary Arts II
- Food Science
- Money Matters
- Accounting I
- Accounting II
- Banking & Financial Services
- Marketing
- Sports & Entertainment Marketing
- Principles of Arts, A/V, Technology, & Communications
- Audio/Video Production I
- Audio/Video Production II
- Practicum of Audio/Video Production
- Principles of Health Science
- Anatomy & Physiology
- Health Science Theory
- Practicum in Health Science
- Principles of Law, Public Safety, Corrections, & Security
- Forensic Science



# Scheduling

## Sample 7-Period Day Schedule

8:30 - 9:25	First Period
9:30 - 10:25	Second Period
10:30 - 11:25	Third Period
11:30 - 12:25	Fourth Period
12:30 - 1:00	Lunch
1:05 - 2:00	Fifth Period
2:05 - 3:00	Sixth Period
3:05 - 4:00	Seventh Period

## Sample Block Schedule

### **A Day**

8:30 - 10:00	First Period
10:15 - 11:45	Second Period
11:45 - 12:15	Lunch
12:30 - 2:00	Third Period
2:15 - 3:45	Fourth Period

### **B Day**

8:30 - 10:00	Fifth Period
10:15 - 11:45	Sixth Period
11:45 - 12:15	Lunch
12:30 - 2:00	Seventh Period
2:15 - 3:45	Eighth Period



# Scheduling Considerations

How do we determine what new courses to offer?

How many students are required to offer a new course?

Conflict Matrix

Singletons

Doubletons

Dual Credit & AP Courses





# Staffing Considerations

- How many core teachers are needed?
- How many elective teachers are needed?
- Traveling teachers
  - Who can travel?
  - Who can't travel?



# Assumptions

1. Class sizes will be consistent (Teacher/student ratio)
  - a. 24 students per class
2. Foundation (core) offerings will be the same
3. Each HS student will take the following core classes each year:
  - a. English Language Arts
  - b. Social Studies
  - c. Science
  - d. Math
4. On a block schedule, each HS student will take 8 classes
5. On a traditional (7-period) schedule, each HS student will take 7 classes
6. Using high projection enrollment numbers
7. Campus A has a current capacity of 1150 with the possibility of expanding to 1750
8. Campus B has a current capacity of 1750 with the possibility of expanding to 2750



## Option A: 2 High Schools (Both 9-12)

7-Period Day Schedule		
Campus Size	Core Teachers	Elective Teachers
1050	29	22
1150	32	24
1750	49	36
2750	76	57



## **Option A: 2 High Schools (Both 9-12)**

- Students would not be shuttled between campuses, therefore students would have access to courses offered at their assigned campus only.
- Academic teachers could travel between campuses.
- Extra curricular teachers could not travel between campuses.



# Option B: 1 High School (9th campus, 10-12 campus)

Block Schedule		
2025-2026		
Campus Size	Core Teachers	Elective Teachers
620	17	17
1490	41	41
2030-2031		
970	27	27
2530	70	70



## **Option B: 1 High School (9th campus, 10-12 campus)**

- Students would be shuttled between campuses, therefore having access to courses offered at either campus.
- Academic teachers could travel between campuses.
- Extra curricular teachers could travel between campuses.



# Option C: 1 High School (9-10 campus, 11-12 campus)

Block Schedule		
2025-2026		
Campus Size	Core Teachers	Elective Teachers
1180	33	33
940	26	26
2030-2031		
1840	51	51
1670	46	46



## **Option C: 1 High School (9-10 campus, 11-12 campus)**

- Students would be shuttled between campuses, therefore having access to courses offered at either campus.
- Academic teachers could travel between campuses.
- Extra curricular teachers could travel between campuses.





## **Option D: 2 High Schools (9-12 campus, CTE campus)**

- **2022-2023:** 5 AHS students attend classes at the LaGrone Academy (Denton ISD).
- **2021-2022:** 2 AHS students attended classes at the LaGrone Academy.
- **2020-2021:** 6 AHS students attended classes at the LaGrone Academy.
- CTE courses would still be offered at the traditional high school campus(es).
- If the CTE campus was a stand alone campus, it would require foundational curriculum also (ELAR, Math, Science, Social Studies).



## Option E: 2 High Schools (Smaller 9-12, Larger 10-12 with 9th grade campus)

7-Period Day Schedule		
2025-2026		
Campus Size	Core Teachers	Elective Teachers
800	22	17
1300	36	27
2030-2031		
1330	37	28
2170	60	45



## **Option E: 2 High Schools (Smaller 9-12, Larger 10-12 with 9th grade campus)**

- Students would not be shuttled between campuses, therefore students would have access to courses offered at their assigned campus only.
  - Exception: Students at the 9th grade campus would have access to courses offered at the 10-12th campus.
- Academic teachers could travel between campuses.
- Extra curricular teachers could not travel between campuses.
  - Exception: Extra curricular teachers could travel between the 9th campus and the larger 10-12th campus.