A Bridge to KAP
Katy Advanced Program
Hello!

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Goals for this presentation are to...

○ Provide information that will assist parents and students in making decisions about secondary course options

○ Provide information on advanced course options for grade 6.

○ Explain how GT students are served within the secondary setting
Katy Advanced Program (KAP)
Grades 6-10
is designed to prepare all students for the academic complexity of Advanced Placement courses.
KAP Curriculum in Katy ISD

- Developed with a concentration on building the student’s capacity to understand, process, and analyze rigorous content
- Built upon the core academic curriculum
- Academically advanced course of study
  - Curriculum objectives are more complex
  - Resources are more extensive
  - Performance expectations are higher and more rigorous
Reading
Language
Arts
Course Sequence

6th
- Reading Language Arts 6
  - KAP or KAP/GT

7th
- Reading Language Arts 7
  - KAP or KAP/GT
  
  KAP/GT is a single block class in 7th grade

8th
- Reading Language Arts 8
  - KAP or KAP/GT

*Note: Junior High courses do not count on GPA (unless otherwise noted)
## Academic vs KAP/AP

<table>
<thead>
<tr>
<th>Academic</th>
<th>KAP/AP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structured Writing/emphasis on comprehension and analysis</td>
<td>Emphasis on Depth of understanding/complex analysis/research process</td>
</tr>
<tr>
<td>Evidence-based writing focus</td>
<td>Timed Writings with evidence-based conclusions</td>
</tr>
<tr>
<td>Young Adult Literature</td>
<td>Authors of Merit</td>
</tr>
</tbody>
</table>
ELA & SS Skill Development

- Primary and secondary document analysis
- Outside reading in addition to textbook
- Accountability for independent reading
- Thesis and Essay Writing based on evidence from assigned readings
- Note-making
- The research process
Social Studies
Course Sequence

6th Social Studies 6
- KAP or KAP/GT
  (World Cultures & Geography)

7th Social Studies 7
- KAP or KAP/GT
  (Texas History & Geography)

8th Social Studies 8
- KAP or KAP/GT
  (US History)

*Note: Junior High courses do not count towards GPA (unless otherwise noted)
The Sciences
*Note: Junior High courses do not count towards GPA (unless otherwise noted)
Mathematics
Criteria for entering 6th Grade KAP Math

- Meet any one of the following criteria:
  - Student opts for advanced mathematics
  - Student performs at a level included in the top two quintiles on district data on 5th grade STAAR
  - Student performs at “Masters” level on 5th grade STAAR
  - **SB 2124** requires that the top 40% of 5th grade math STAAR students are placed in Adv Math in 6th grade.
  - Opt-out option is available - see campus counselor
Course Sequence

Goal: Success in Algebra I

6th
Math 6 - KAP or KAP/GT
Covers all of 6th grade math and some of 7th

7th
Math 7 - KAP or KAP/GT
Covers the rest of 7th grade math and all of 8th

8th
*Algebra I (counts toward HS GPA)

*Note: Junior High courses do not count on GPA (unless otherwise noted).
Additional acceleration is available through Credit By Exam - see campus counselor.
Questions regarding Credit By Exam (CBE) should be directed to the Accountability and Assessment Department.

Visit this website for details and deadlines

Making Course Decisions
Advanced Academics in Katy ISD

- Katy ISD recognizes the value of student participation in advanced academic coursework and encourages students to enroll in advanced coursework in 6th grade.

- Students are encouraged to access the most rigorous curriculum in which they can be successful, generally defined as earning a C or better semester average.

***Junior High - a safe place to learn productive struggle***
Katy ISD Advanced Academics

- KAP and AP courses are designed to challenge students beyond grade-level academic courses and prepare them for success in future advanced level coursework.

- Student performance in previous STAAR test should be considered. A Masters level indicates the student’s ability to perform well in above grade level coursework.

- Students may require additional encouragement and support to be successful in these courses.
When making a decision about KAP, consider:

1. History of success in the subject?
   a. STAAR-no remediation, meets or masters level
   b. Class grades-seems to easily grasp concepts

2. Work Ethic
   a. Student attitudes - generally likes to learn
   b. Study habits - will study when needed

3. Personal Interests and Strengths - loves reading, solving problems, historical stories, or experimenting with ideas or science
Demonstrating Persistence

To encourage students to remain in an advanced course, prior to exiting a course, students must complete a series of steps...
Exiting Advanced Academic Courses

- Students experiencing success (C or better SEMESTER average) should remain in the course for the semester.

- Students petitioning to exit a KAP or AP course must: **conference with the teacher, complete all course assignments, and/or attend recommended tutorials.**

- Granting the petition is based on input from the teacher, student, performance in the course, availability of space in other courses, and the timing of the request.
Points to Remember

- You can choose as few or as many KAP courses as you feel are appropriate for your child.
- Students successful in 5th grade mathematics should be in KAP math in the 6th grade.

“Some As are not as good as some Bs.”

What can students learn from productive struggle?
Why try KAP in Junior high?

- Students who enroll in KAP in junior high benefit from early preparation and academic rigor to develop the academic skills to more easily transition to high school AP coursework and beyond.

- Grades earned in junior high KAP courses do not count toward the high school GPA (high school courses taken in junior high do count toward high school GPA, ex. Algebra I)
Do KAP courses have more homework than academic courses?

Usually, yes. But...parents and students respond that the homework amount is generally appropriate.

Are students enrolled in KAP courses able to participate in extracurricular activities?

Many athletes, cheerleaders, music students, etc. take KAP and AP courses.
Can a student who does not enroll in KAP course in 6th grade begin KAP in 7th?

Generally, yes. Math, however, requires special consideration. Students who are strong in math should begin KAP Math in 6th grade. However, we encourage all students to enroll in KAP 6th grade courses when possible.

Can my child test out of a JH course to accelerate to the next level?

There is a process in place known as Credit By Exam (CBE). Contact your campus counselor for more information.

KAP and Gifted Learners

- Students identified as Gifted are served within the KAP program in classes designated as KAP/GT (depending upon the campus, not all secondary campuses offer GT-only classes).

- Only students formally identified should enroll in courses designated KAP/GT. Parents of 5th grade students who are identified for the secondary GT program should receive notifications in early January.
Most GT secondary students are clustered in blended KAP classes. What is the advantage of GT identification in that situation?

- GT identification is designed to address the particular educational needs of the gifted learner.
- The teacher will have 30 hours of GT training.
- The teacher is aware of the GT identification and can address unique needs of gifted learners in that class.
- GT students are part of a learning community that can help meet their social/emotional and intellectual needs.
- A cluster of GT students in a class creates a unique dynamic in the classroom that is evidenced by the dialogue and the depth of the conversation in the class.
Is it advisable to take all KAP/GT classes?

- Yes. Students are encouraged to take as many KAP/GT classes as they feel are appropriate.

What if my student is not identified in all areas?

- Students may take KAP/GT for areas of identification, and screen for additional areas if interested.
- KAP courses are open to all students. GT students are encouraged to enroll in KAP courses.
My child is approved for a GT course for next year, but we decide not to enroll in that course that grade. Can my child enroll in that GT course in the next grade?

- No. Your child will have to be screened for that content area during the spring screening window in the next school year for service in the following school year.
What if my child is not successful in the program?
After attending tutorials and discussions with teachers, parents and the GT Facilitator, exit policies can be considered. Parents must be notified if a student is wishing to exit a GT course.

Can my child leave the program?
Yes; students can formally exit the program or be granted a temporary furlough from the program.

What is a furlough?
A temporary exit from a GT course for specific reasons detailed in KISD board policy. Furloughs are limited to a specific timeframe.
What if we move to a different school in Katy ISD or my child is affected by changes in attendance zones?

- Students identified for the KISD GT Program at one campus will join the GT Program at their new campus.
Advanced Placement
Preparing for High School
What is Advanced Placement (AP)?

- College Level Courses
- Available for grades 10-12 (generally)
- Designed and administered by the College Board
- Katy ISD has AP courses in Math, Science, Social Studies, English, World Languages, Fine Arts and Computer Science
AP Exams

- Two or three hour exams
- Multiple choice questions
- Free response questions
- Administered in May
- Scored on 1-5 scale
- Scores of 3, 4, 5 are generally accepted for college credit.
Advanced Placement is not just about college credit. It is also...

- Students experiencing college level instruction while in the supportive home and school environment
- Students developing college level analytical and study skills
- Students gaining academic confidence
Advanced Academics Pathways – Social Studies

- KAP is not a pre-requisite for AP or DC, but it is strongly encouraged.
- DC Government requires an online course supplement.
- Government and either macro- or microeconomics are required for graduation.
- This is a recommended sequence. Courses are not restricted to a certain grade level. Refer to SchoolLinks for grade restrictions.
Duplicate Courses - either/or, not both

- KAP World Geography and AP Human Geography are the same TEKS - a student cannot take both courses.

- Academic World History, KAP World History and AP World History count as the same course. Only one of these courses may be taken.
Advanced Academics Pathways - Math

Course Sequence

- Algebra I → Geometry KAP → Algebra II KAP and/or
- AP Precalculus
- AP Statistics
- Dual Credit College Algebra and Dual Credit Plane Trigonometry
- Dual Credit Elements of Calculus with Applications
- AP Calculus AB or AP Calculus BC → Multivariable Calculus KAP

- KAP is not a pre-requisite for AP or DC, but it is strongly encouraged.
- Algebra II is a prerequisite for all Dual Credit Math courses.
- AP Calculus BC is the prerequisite for Multivariable Calculus.
Course Sequence

Advanced Academics Pathways - Science

- Biology KAP → Chemistry KAP
- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics I
- AP Physics II
- Dual Credit Biology
- Dual Credit Anatomy & Physiology
- Dual Credit Chemistry

• KAP is not a pre-requisite for AP or DC, but it is strongly encouraged.
• Algebra II is a prerequisite for AP Chemistry.
• Precalculus is recommended prior to taking AP Physics II.
• Dual Credit Anatomy & Physiology requires completion or concurrent enrollment in ENGL 1301 or AP English Lang.

Dual Credit Biology & Chemistry are designed for non-science majors.
Advanced Academics Pathways - English

- KAP is not a pre-requisite for AP or DC, but it is strongly encouraged.
- Dual Credit English III is the equivalent of English 1301 and 1302 at HCC. The content includes American Literature & Composition.
- Dual Credit English IV is the equivalent of English 2322 and 2323 at HCC. The content includes British Literature.
What Counts in College Admissions

TABLE 7. PERCENTAGE OF COLLEGES ATTRIBUTING DIFFERENT LEVELS OF IMPORTANCE TO FACTORS IN ADMISSION DECISIONS: FIRST-TIME FRESHMEN, FALL 2017

<table>
<thead>
<tr>
<th>Factor</th>
<th>N</th>
<th>Considerable Importance</th>
<th>Moderate Importance</th>
<th>Limited Importance</th>
<th>No Importance</th>
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</thead>
<tbody>
<tr>
<td>Grades in All Courses</td>
<td>220</td>
<td>74.5</td>
<td>15.0</td>
<td>5.5</td>
<td>5.0</td>
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<tr>
<td>Grades in College Prep Courses</td>
<td>220</td>
<td>73.2</td>
<td>16.8</td>
<td>3.9</td>
<td>4.1</td>
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<tr>
<td>Strength of Curriculum</td>
<td>219</td>
<td>62.1</td>
<td>31.9</td>
<td>5.7</td>
<td>7.3</td>
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<tr>
<td>Admission Test Scores (SAT, ACT)</td>
<td>221</td>
<td>45.7</td>
<td>37.1</td>
<td>10.2</td>
<td>5.0</td>
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<tr>
<td>Essay or Writing Sample</td>
<td>220</td>
<td>23.2</td>
<td>33.2</td>
<td>19.5</td>
<td></td>
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<tr>
<td>Student’s Demonstrated Interest</td>
<td>218</td>
<td>16.1</td>
<td>23.9</td>
<td>32.1</td>
<td></td>
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<tr>
<td>Counselor Recommendation</td>
<td>218</td>
<td>15.1</td>
<td>40.4</td>
<td></td>
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<tr>
<td>Teacher Recommendation</td>
<td>219</td>
<td>14.2</td>
<td>40.2</td>
<td></td>
<td></td>
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<tr>
<td>Class Rank</td>
<td>220</td>
<td>9.1</td>
<td>29.1</td>
<td></td>
<td></td>
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<tr>
<td>Extracurricular Activities</td>
<td>219</td>
<td>6.4</td>
<td>42.9</td>
<td>32.1</td>
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<tr>
<td>Portfolio</td>
<td>219</td>
<td>6.4</td>
<td>33.9</td>
<td>26.9</td>
<td></td>
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<tr>
<td>Subject Test Scores (AP, IB)</td>
<td>219</td>
<td>5.5</td>
<td>18.3</td>
<td>34.2</td>
<td></td>
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<tr>
<td>Interview</td>
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<td>5.5</td>
<td>16.4</td>
<td>28.3</td>
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<tr>
<td>Work</td>
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<td>4.1</td>
<td>28.6</td>
<td>36.9</td>
<td>30.4</td>
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<tr>
<td>State Graduation Exam Scores</td>
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<td>2.3</td>
<td>8.7</td>
<td>18.8</td>
<td>70.2</td>
</tr>
<tr>
<td>SAT II Scores</td>
<td>216</td>
<td>1.9</td>
<td>5.6</td>
<td>14.8</td>
<td>77.8</td>
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</tbody>
</table>


Taking an AP class and doing well in the class is stressed more than the AP exam alone.
Benefits of Advanced Academics

AP students who earn a score of 1 or 2, or average a score of 1 or 2 across their AP Exams in high school, have better college outcomes than academically similar college students who did not take an AP course and exam.

FOUR-YEAR COLLEGE ENROLLMENT PROBABILITIES, BY AVERAGE AP SCORE

<table>
<thead>
<tr>
<th>Average AP Score</th>
<th>AP Students</th>
<th>Similar Students with No AP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>63%</td>
<td>47%</td>
</tr>
<tr>
<td>2</td>
<td>75%</td>
<td>56%</td>
</tr>
<tr>
<td>3</td>
<td>82%</td>
<td>65%</td>
</tr>
<tr>
<td>4</td>
<td>86%</td>
<td>72%</td>
</tr>
<tr>
<td>5</td>
<td>86%</td>
<td>77%</td>
</tr>
</tbody>
</table>

NOTES: Probability of enrollment immediately after high school graduation is calculated for 1,560,229 students who graduated high school in 2017. Probabilities are calculated separately for the average student in each AP score sample conditional on gender, ethnicity, first-generation status, SAT score, and HSGPA.
Statistical Analysis of University Success Based on Student’s Class Choices

Percentage of Students with Varying AP and Non-AP Experiences Who Earn a Bachelor’s Degree Within 4-Years

- Neither AP nor Dual Enrollment Courses: 11%
- AP course(s) and exams(s): Exam Score Avg.=1: 21%
- Dual Enrollment Courses: 24%
- AP course(s) and exams(s): Exam Score Avg.=2: 32%
- AP course(s) and exams(s): Exam Score Avg.=3: 44%
- AP course(s) and exams(s): Exam Score Avg.=4 or 5: 50%
Is there a difference between the grade points awarded for KAP and KAP/GT

• No. Both KAP and KAP/GT courses carry a “weighted” grade point.

• Junior high courses do not contribute to the official high school Grade Point Average unless otherwise stated (ex, Alg I)
For additional information...

● Attend Course Selection Nights as scheduled by the junior high/high school campuses
  ○ Course Selection Fair at the Merrell Center Jan 11th, 5:30-8:30

● Consult the Course Catalog (available on SchooLinks)

● Contact your campus junior high counselor
Thank You!
This presentation will be posted on the Advanced Academics website.
Course Selection Fair at the Merrell Center Jan 11th, 5:30-8:30