

# ENDORSEMENTS OFFERED IN CISD

BUSINESS &  
INDUSTRY

ARTS &  
HUMANITIES

PUBLIC  
SERVICE

STEM

MULTI-DISCIPLINARY

## Endorsements

For the first time, students will be able to earn one or more endorsements as part of their graduation requirements. Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area.

Students must select an endorsement\* in the ninth grade. Districts and charters are not required to offer all endorsements. If only one endorsement is offered, it must be multi-disciplinary studies.

Students earn an endorsement by completing the curriculum requirements for the endorsement, including 4th credit of math and science and 2 additional elective credits.

### Students can choose from 5 endorsement areas

#### Science, Technology, Engineering and Mathematics (STEM)

- Career and Technical Education (CTE) courses related to STEM
- Mathematics
- Science
- Computer Science
- Combination of no more than two of the categories listed above

#### Business and Industry (one of the following or a combination of areas)

- Agriculture
- Arts
- Audio/Video
- Finance
- Marketing
- Food and Natural Resources
- Hospitality and Tourism
- Information Technology
- Manufacturing
- Technology Applications
- Architecture and Construction
- Technology and Communications
- Business Management and Administration
- Transportation or Distribution and Logistics
- English electives in public speaking, debate, advanced broadcast journalism, advanced journalism including newspaper and yearbook

#### Public Service (one of the following)

- Human Services
- Law
- Corrections and Security
- Health Science
- Public Safety
- Education and Training
- Government and Public Administration
- Junior Reserve Officer Training Corps (JROTC)

#### Arts and Humanities (one of the following)

- 2 levels each in two languages other than English (LOTE)
- 4 levels in the same LOTE
- Courses from one or two areas (music, theater, art, dance) in fine arts
- English electives not included in Business and Industry
- Social Studies
- American Sign Language (ASL)

#### Multi-Disciplinary Studies (one of the following)

- 4 advanced courses from other endorsement areas
- 4 credits in each foundation subject area, including English IV and chemistry and/or physics
- 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts

\*Visit your school counselor to learn more about your options.  
Students may earn more than one endorsement.

# LOTE, FINE ARTS, & SOCIAL STUDIES PATHWAYS

## ARTS & HUMANITIES ENDORSEMENT

Language other  
than English  
(LOTE)

LOTE  
1st Year

\*LOTE  
1st Year

LOTE  
2nd Year

LOTE  
2nd Year

LOTE  
3rd Year

\*LOTE  
1st Year

LOTE  
4th Year

LOTE  
2nd Year

**\*2 different LOTES**  
**Example: French 1 & 2**  
**AND Spanish 1 & 2**

Fine Arts

Fine Art  
1st Year

Fine Art  
2nd Year

Fine Art  
3rd Year

Fine Art  
4th Year

**\*4 years of Band,  
Choir, Orchestra,  
Theatre, Art, or Dance**

Social Studies

World  
Geography

World  
History

US History

Government &  
Economics

Social Studies  
Elective

# AGRICULTURE, ARCHITECTURE, & CONSTRUCTION

## PATHWAYS

### BUSINESS & INDUSTRY ENDORSEMENT

Principles of  
Agriculture  
K1001

9-11

Ag Mechanics  
Pathway

Animal Pathway

Ag Mech &  
Metal Tech  
K1211

10-12

Small Animal  
K103H

10-12

Equine Science  
K104H

Ag Equipment  
Design  
K1271

11-12

Ag Power  
Systems  
K1232

Livestock Prod  
K1021

10-12

Veterinary  
Medicine Apps  
K1051

11-12

Advanced  
Animal Science  
K1061

Electives

Floral Design  
K1171

10-12

Advanced Floral  
Design  
K1261

Practicum in Ag,  
Food, and Natl Res  
K1242

12

Principles of  
Construction  
K1741

9-11

Architecture  
Pathway

Construction  
Pathway

Arch Design 1  
K1551

10-12

Construction  
Tech 1  
K1612

10-12

Arch Design 2  
K1562

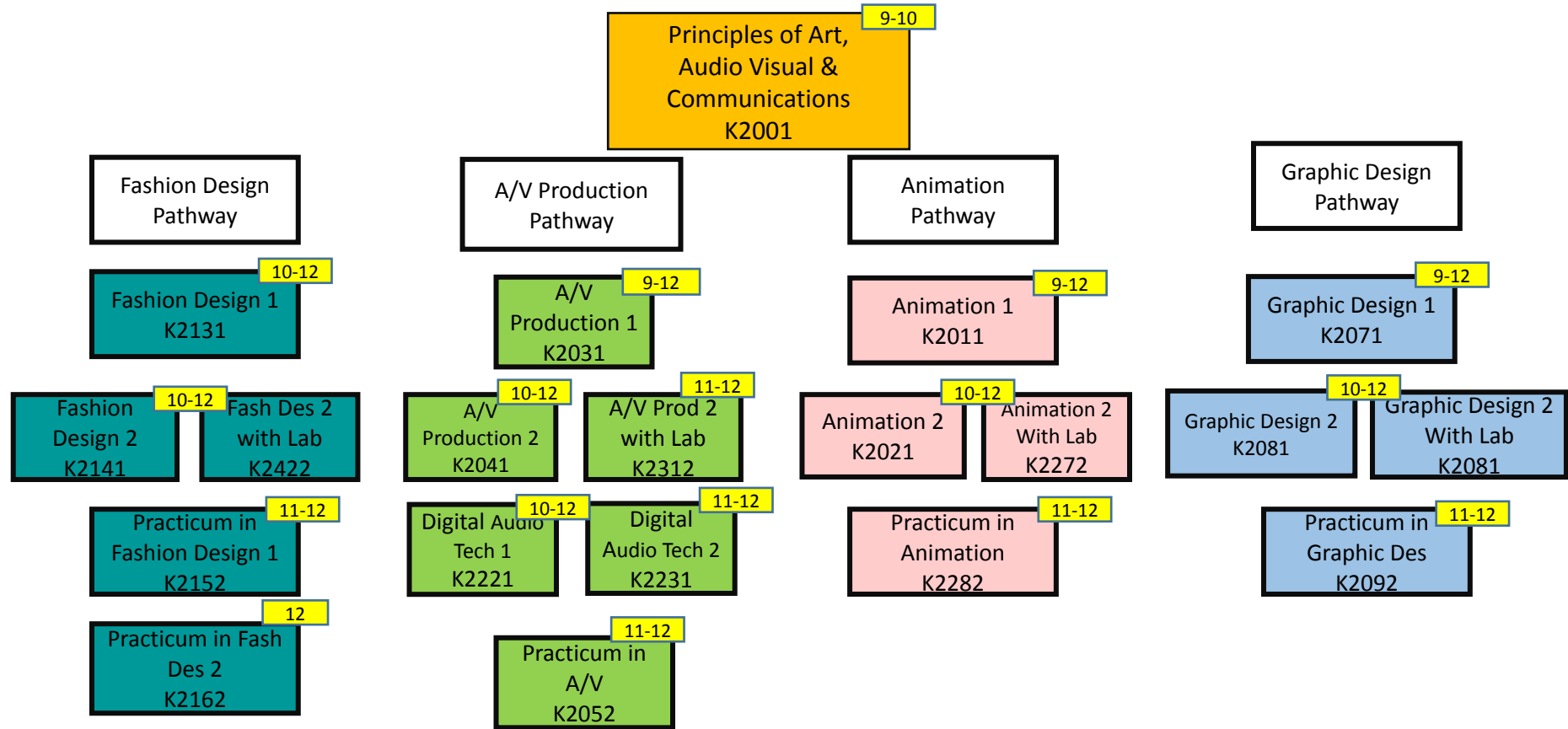
11-12

Construction  
Tech 2  
K1622

11-12

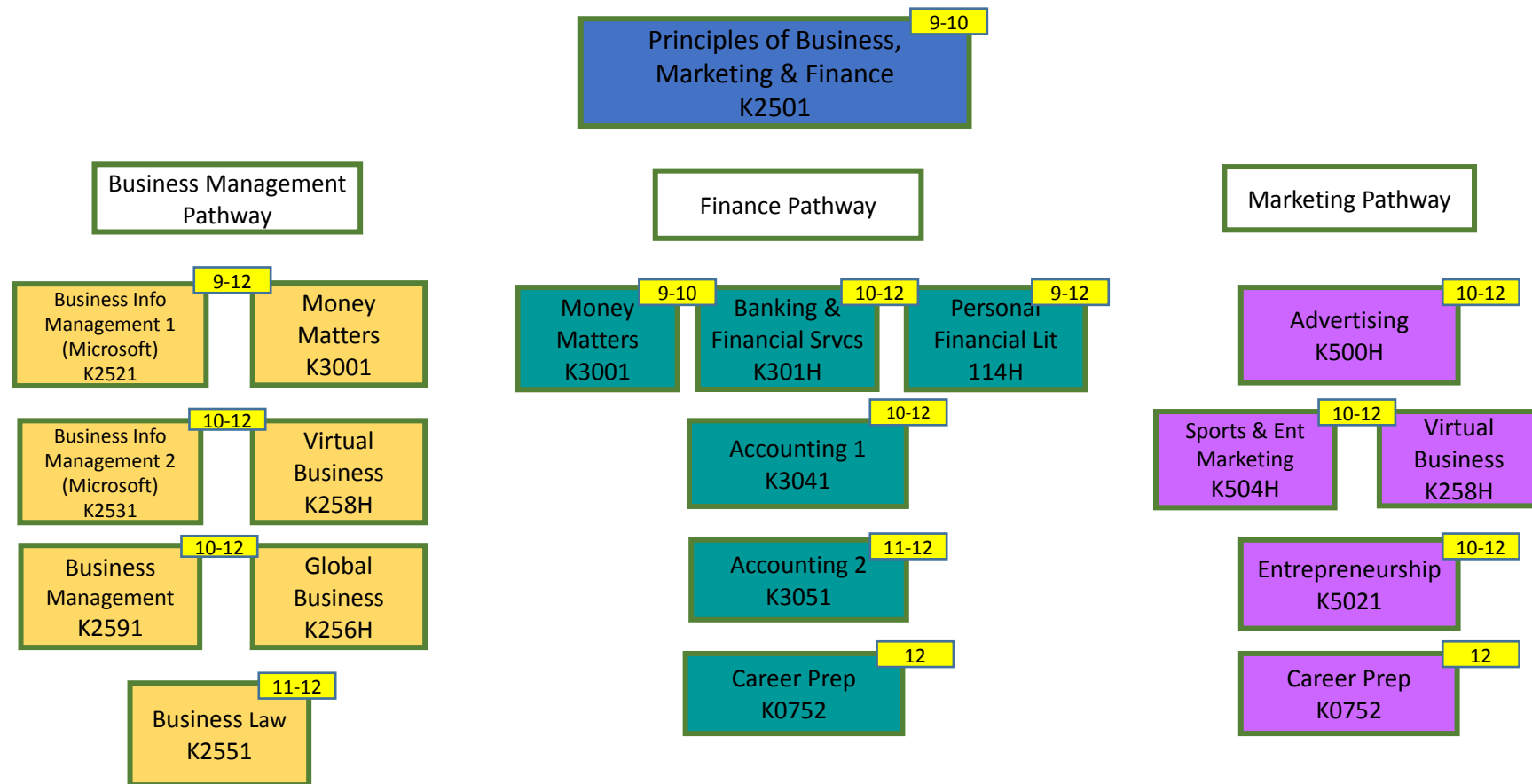
# ARTS, A/V & COMMUNICATIONS PATHWAYS

## BUSINESS & INDUSTRY ENDORSEMENT



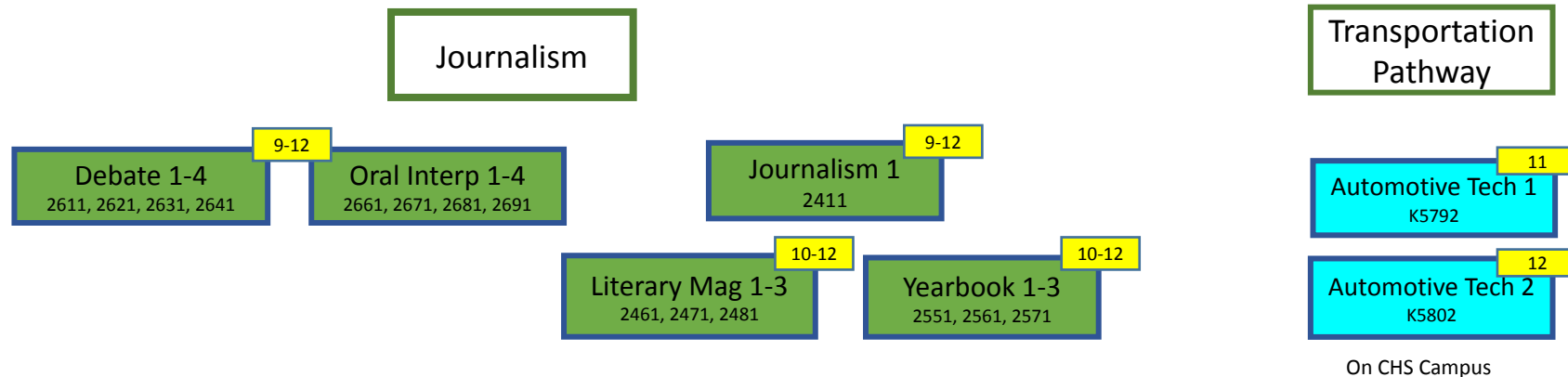
# BUSINESS, MARKETING & FINANCE PATHWAYS

## BUSINESS & INDUSTRY ENDORSEMENT



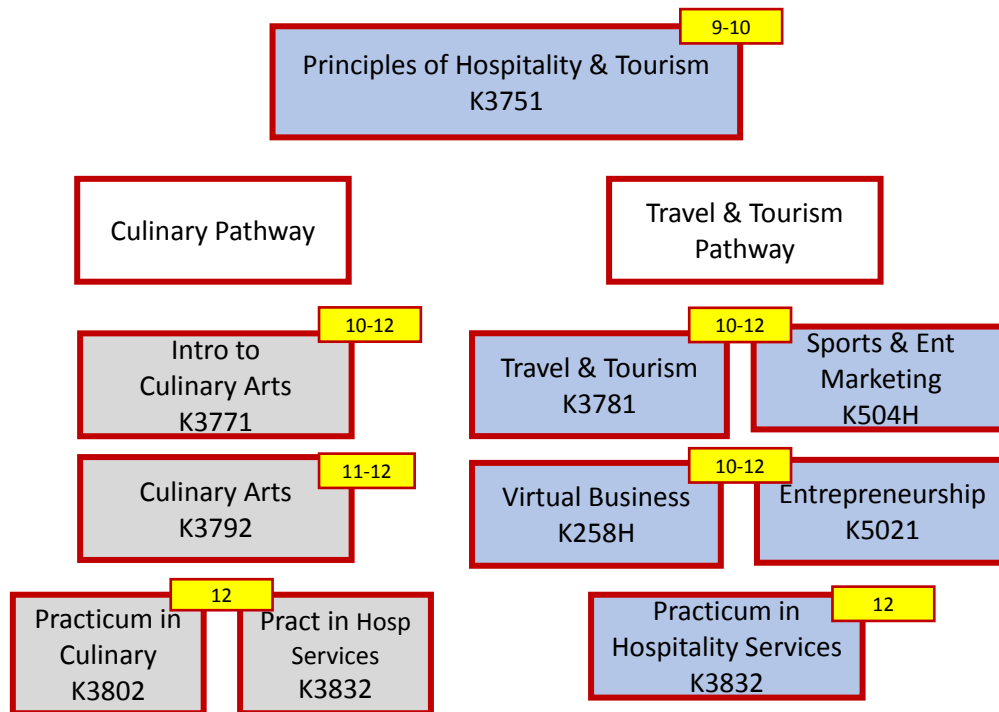
# JOURNALISM & TRANSPORTATION PATHWAYS

## BUSINESS & INDUSTRY ENDORSEMENT



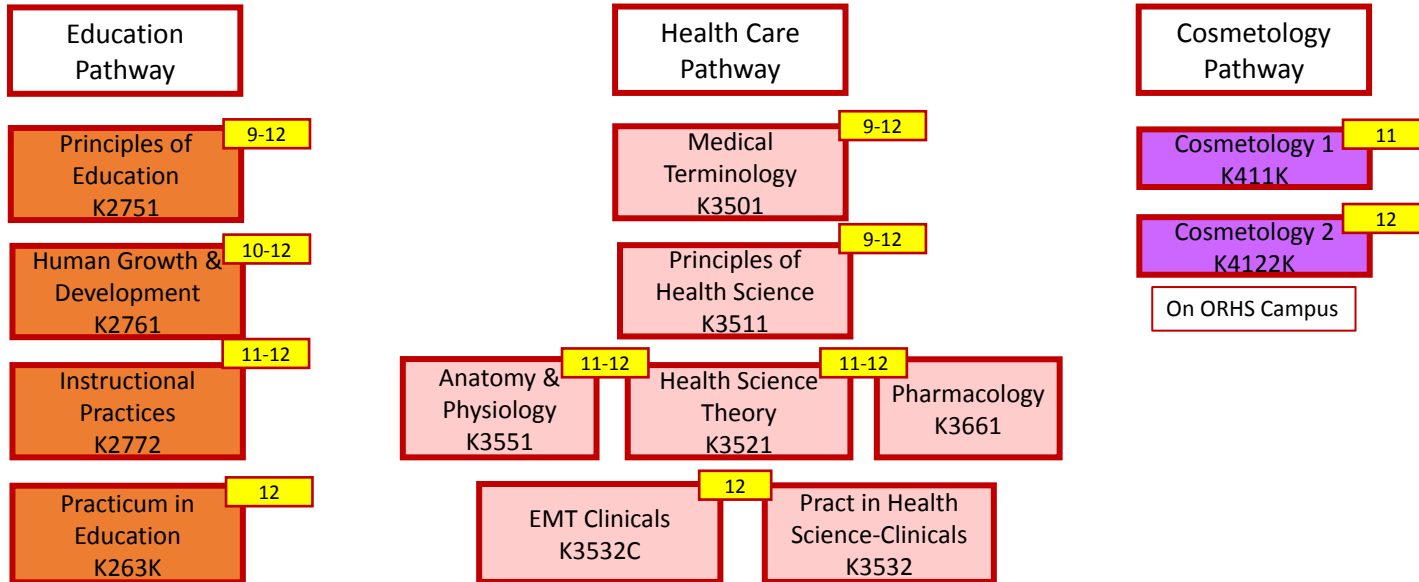
# HOSPITALITY & TOURISM PATHWAYS

## PUBLIC SERVICE ENDORSEMENT



# EDUCATION, HEALTH CARE & COSMETOLOGY PATHWAYS

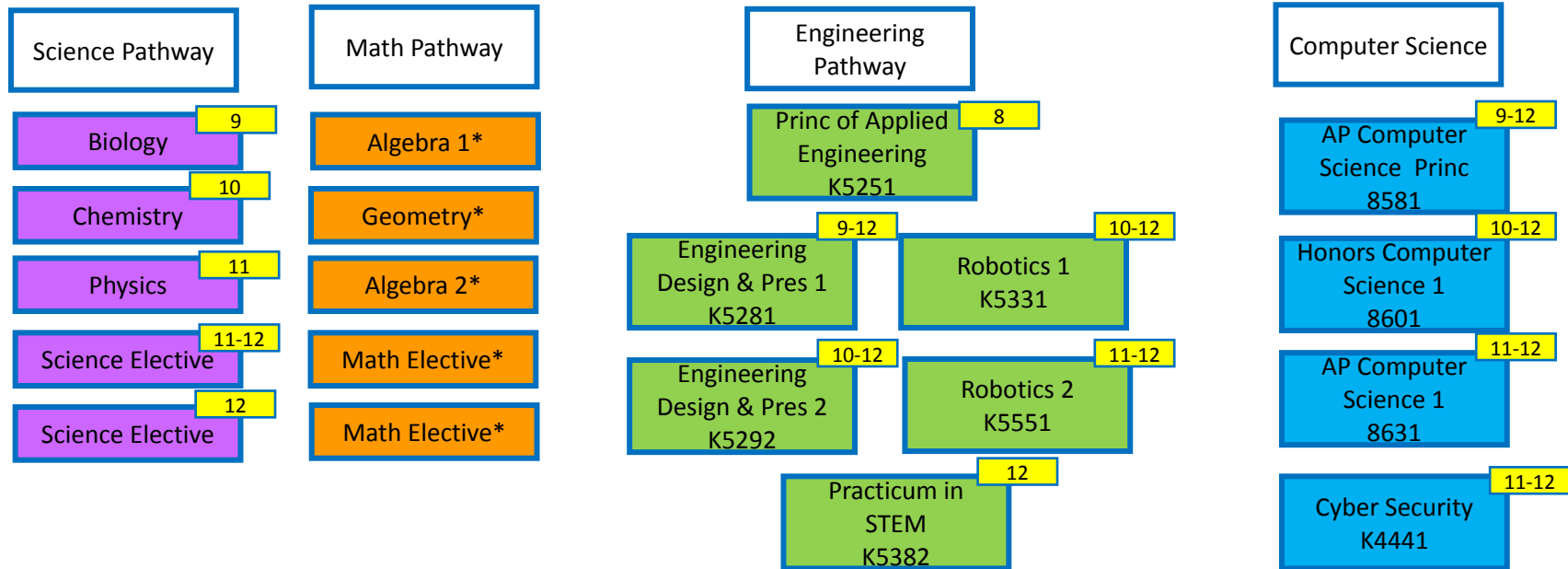
## PUBLIC SERVICE ENDORSEMENT





# SCIENCE, MATH, ENGINEERING, & COMP SCI PATHWAYS

## STEM ENDORSEMENT



# 4 x 4 including Algebra 2

## MULTIDISCIPLINARY ENDORSEMENT

English

English 1 9

English 2 10

English 3 11

English 4 12

Math

Algebra 1\* 9

Geometry\* 10

Algebra 2\* 11

Math Elective\* 12

Science

Biology 9

Chemistry 10

Physics 11

Science Elective 12

Social Studies

World Geography or  
AP Human Geography 9

World History 10

US History 11

Government  
Economics 12

\*Math sequence by grade level is dependent on which grade Algebra 1 was taken.  
CISD students are required to take Math each year of high school.