

9th Grade Academies

2019-2020

9th Grade Academies

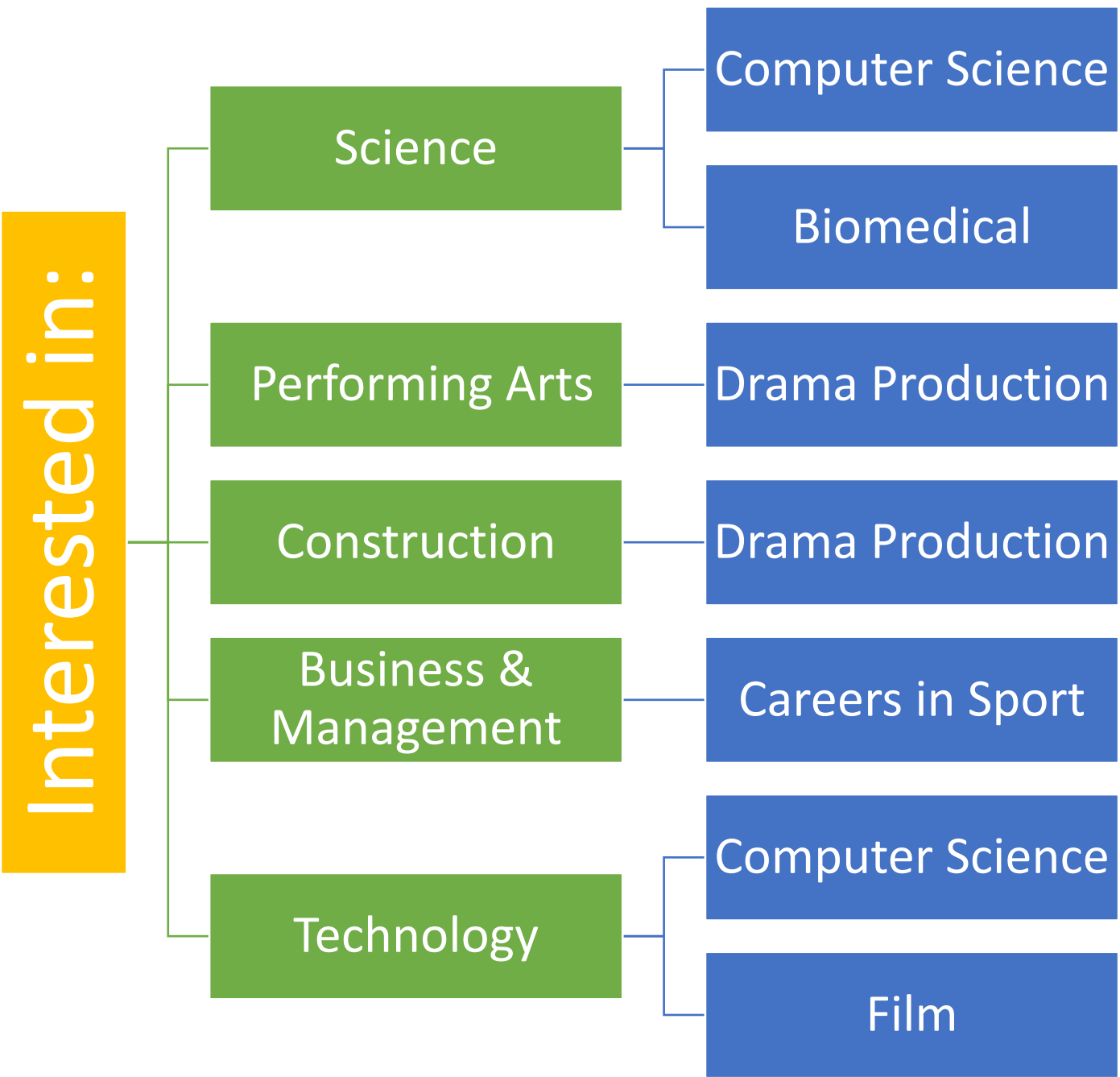
Drama
Production

Film

Careers in
Sport

Computer
Science

Biomedical



Biomedical

- Principles of Bio Med
- English 9
- World History
- Career exploration of the field of biomedicine.
- English students will examine ethical issues in science and first person accounts of the medical field.
- Social Studies students will focus on the history and development of science across cultures.

Students can continue biomedical studies

Medical Terminology

```
graph TD; A[Medical Terminology] --> B[Human Body Systems]; B --> C[Anatomy]; C --> D[AP Biology];
```

Human Body Systems

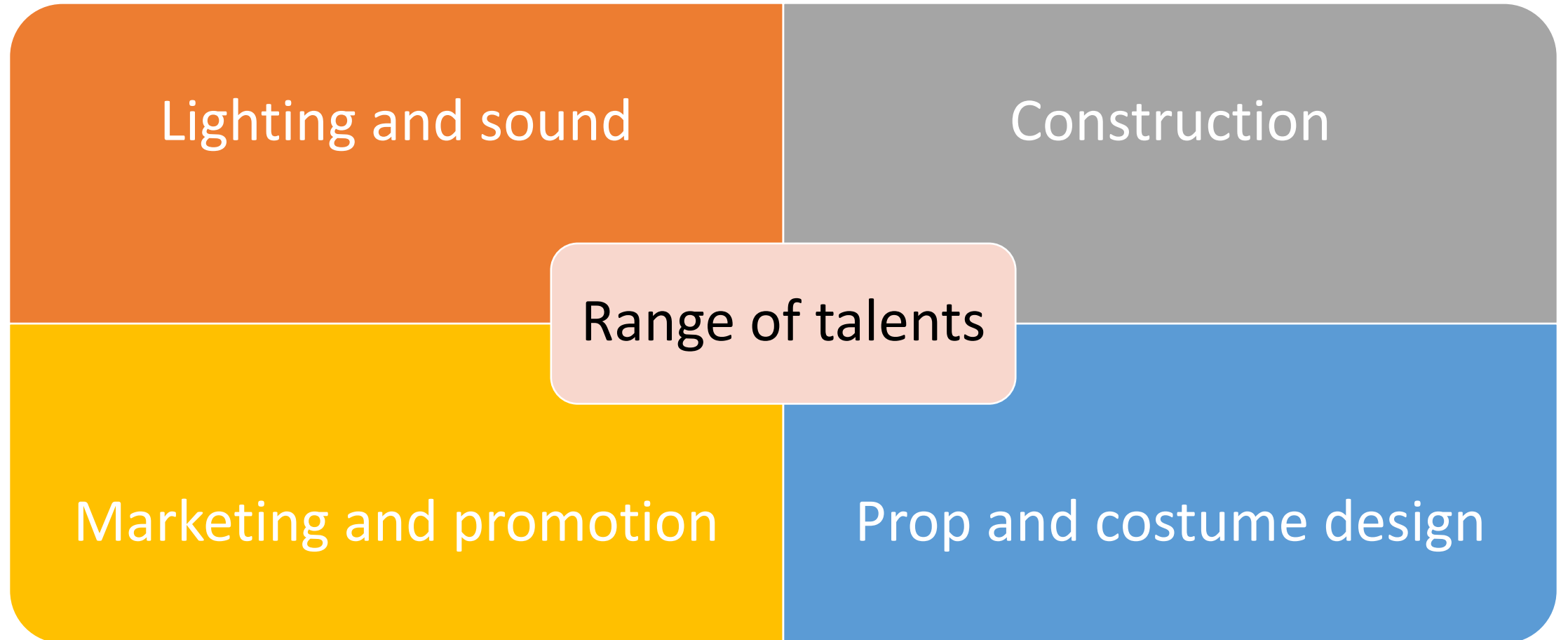
Anatomy

AP Biology

Drama Production

- Drama Production
- English 9
- World History
- Integrated drama productions rooted in the humanities
- English students will examine drama through a literary lens.
- Social Studies students will examine plays from a variety of cultures and historical periods.

Drama Production includes:



Students can continue drama studies

Advanced Drama

```
graph TD; A[Advanced Drama] --> B[Advanced Sewing]; B --> C[Shakespeare]; C --> D[Contemporary Literature]; D --> E[AP Literature];
```

Advanced Sewing

Shakespeare

Contemporary Literature

AP Literature

Film and video

- Intro to Filmmaking
- English 9
- World History
- Integrated projects that include documentaries, and short films
- English students will examine the role of drama in film.
- Social studies includes international historical films and comparing them to primary sources

Students can continue film and video studies

Advanced filmmaking and broadcasting

```
graph TD; A[Advanced filmmaking and broadcasting] --> B[3D Animation I]; B --> C[3D Animation II];
```

3D Animation I

3D Animation II

Careers in sport

- Sports Management
 - English 9
 - World History
- Sports management examines careers in sports as well as the organizational management of leagues.
 - English students will examine the dramatization of sport, as well as first-person accounts of careers in sport.
 - Social Studies students will examine cultures through the lens of sport.

Students can continue careers in sports studies

Sports Psychology

```
graph TD; A[Sports Psychology] --> B[Advanced Business Strategies]; B --> C[Sports Broadcasting]; C --> D[Introduction to Kinesiology];
```

Advanced Business Strategies

Sports Broadcasting

Introduction to Kinesiology

Computer Science

- Exploration of Computer Science
- English 9
- World History
- Integrated projects emphasizing the use and application of technology.
- English students will include science fiction and the ethics of technology.
- Social Studies students will examine the rise and uses of technology through cultures and time.

Students can continue computer science studies

Intro to programming in Java



```
graph TD; A[Intro to programming in Java] --> B[Mobile App Design]; B --> C[Digital Game Design]; C --> D[AP Computer Science]
```

Mobile App Design

Digital Game Design

AP Computer Science