

# TPCS Upper School Course Selection

Grade	Knights Track	Accelerated Knights Track
7	<ul style="list-style-type: none"> <li>• 7th Grade Math</li> <li>• 7th Grade ELA</li> <li>• 7th Grade Science</li> <li>• 7th Grade Social Studies</li> <li>• 7th Grade Bible</li> <li>• 7th Grade Writing Lab</li> <li>• 2 Electives</li> </ul>	<ul style="list-style-type: none"> <li>• Accelerated Pre-Algebra</li> <li>• 7th Grade Accelerated ELA</li> <li>• 7th Grade Accelerated Science</li> <li>• 7th Grade Social Studies</li> <li>• 7th Grade Bible</li> <li>• 7th Grade Writing Lab</li> <li>• 2 Electives</li> </ul>
8	<ul style="list-style-type: none"> <li>• Pre-Algebra</li> <li>• 8th Grade ELA</li> <li>• 8th Grade Science</li> <li>• 8th Grade Social Studies</li> <li>• 8th Grade Bible</li> <li>• PE/Health</li> <li>• 2 Electives</li> </ul>	<ul style="list-style-type: none"> <li>• Algebra 1</li> <li>• 8th Grade Accelerated ELA</li> <li>• 8th Grade Accelerated Science</li> <li>• 8th Grade Social Studies</li> <li>• 8th Grade Bible</li> <li>• PE/Health</li> <li>• 2 Electives</li> </ul>
9	<ul style="list-style-type: none"> <li>• Algebra 1</li> <li>• 9th Grade ELA</li> <li>• Biology</li> <li>• 9th Grade Bible</li> <li>• World History/Geography</li> <li>• 3 Electives</li> </ul>	<ul style="list-style-type: none"> <li>• Geometry</li> <li>• 9th Grade ELA</li> <li>• Accelerated Biology I</li> <li>• 9th Grade Bible</li> <li>• AP World History</li> <li>• 3 Electives</li> </ul>
10	<ul style="list-style-type: none"> <li>• Geometry</li> <li>• 10th Grade ELA</li> <li>• ICP or Biology</li> <li>• 10th Grade Bible</li> <li>• Life Calling/Speech</li> <li>• 3 Electives</li> </ul>	<ul style="list-style-type: none"> <li>• Algebra 2</li> <li>• 10th Grade ELA</li> <li>• Chemistry</li> <li>• 10th Grade Bible</li> <li>• Life Calling/Speech</li> <li>• 3 Electives</li> </ul>
11	<ul style="list-style-type: none"> <li>• Algebra 2</li> <li>• 11th Grade ELA</li> <li>• Environmental Science or Physics</li> <li>• 11th Grade Bible</li> <li>• Life Calling/Financial Peace/College &amp; Career Planning</li> <li>• United States History</li> <li>• 3 Electives</li> </ul>	<ul style="list-style-type: none"> <li>• Pre-Calculus</li> <li>• AP Literature and Composition</li> <li>• AP Chemistry, Physics, or Environmental Science</li> <li>• 11th Grade Bible</li> <li>• Life Calling/Financial Peace/College &amp; Career Planning</li> <li>• AP United States History</li> <li>• 3 Electives</li> </ul>
12	<ul style="list-style-type: none"> <li>• Pre-Calculus or Finite Math</li> <li>• 12th Grade ELA</li> <li>• Environmental Science or AP Physics</li> <li>• Government/Economics</li> <li>• 12th Grade Bible</li> <li>• 3 Electives</li> </ul>	<ul style="list-style-type: none"> <li>• AP Calculus or Finite Math</li> <li>• AP Language and Composition</li> <li>• AP Chemistry, AP Physics, or Environmental Science</li> <li>• AP Government/Economics</li> <li>• 12th Grade Bible</li> <li>• 3 Electives</li> </ul>

# Schools Within A School Course Outline

## School of Applied Sciences - Aviation Track

- Introduction to Aviation/Exploring Aviation and Aerospace
- Introduction to Flight/Aircraft System and Performance
- The Flying Environment/Pilot Pathway-Flight Planning
- Pilot Pathway: Preflight your Career and the Capstone Experience
- Choose two other electives from the standard elective course track

## School of Applied Sciences - Computer Science Track

- PLTW Computer Science Essentials
- PLTW Computer Science
- PLTW Cybersecurity
- Choose two other electives from Standard Elective Course Track

## School of Applied Sciences - Engineering Track

- PLTW Engineering Essentials\* (Prerequisite: Algebra 1)
  - PLTW Principles of Engineering
  - PLTW Engineering Design and Development
  - Choose two other electives from Standard Elective Course Track
- \*\* Course Selection may be subject to change based on dual credit opportunities

## School of Biomedical Sciences

- PLTW Principles of Biomedical Science\* (Prerequisite: Biology)
- Dual Credit Anatomy and Physiology (Year-long)
- PLTW Medical Interventions (Year-long)
- PLTW Biomedical Innovation
- Choose two other electives from Standard Elective Course Track

## School of Business and Entrepreneurship

- Introduction to Business/Introduction to Entrepreneurship
- Dual Credit Principles of Entrepreneurship/ Dual Credit New Ventures of Development
- Dual Credit Small Business Operations
- Dual Credit Entrepreneurship Capstone or Business Management Capstone
- Choose two other electives from Standard Elective Course Track

# TPCS Upper School Electives

## 7th Grade Electives - Choose 2

- JH Worship Arts
- Art
- PE/Health
- PLTW Courses (Design and Modeling/Automation and Robotics)

## 8th Grade Electives - Choose 2

- JH Worship Arts
- 8th Grade Art
- Spanish 1 (HS Credit must have 3.25 GPA at end of 7th grade)
- Robotics and Innovation
- PLTW (App Creators/Flight and Space)
- JH PE/Health
- HS PE/Health (HS Credit must have 3.25 GPA at end of 7th grade)

## 9th - 12th Grade Electives - Choose 3

- Adv. HS Worship Arts Band
- Adv. HS Worship Arts Choir
- Introduction to 2-D Art/Drawing
- Introduction to 3-D Art/Sculpture
- Visual Communication/Theater Art Production
- PE/Health
- Spanish 1, 2, 3, 4
- Career Exploration Internships
- Introduction to Business/Introduction to Entrepreneurship
- Dual Credit Medical Terminology/Dual Credit Human Development and Wellness
- Student Media Publications
- Student Media Yearbook
- Weight Training
- Robotics and Innovation
- AEL (Limit 1 per semester)

