

# CORE 2022-2023



## Essential CORE Outcomes:

- Build grade level culture and cohesion by developing shared experiences
- Develop core skills and baseline student work that can be leveraged across seminars and curriculum
- Prepare students for the project defense process and earn Advanced Mastery Credits
- Create an additional opportunity for students to demonstrate proficiency of essential standards
- Support students as they ready themselves for college and career opportunities

## Purpose of CORE:

In the Pathways High model of interdisciplinary, project-based seminars lasting a trimester, it's difficult to incorporate the skill building, high quality craftsmanship, and in-depth content understandings necessary for a rigorous high school experience. CORE is designed to alleviate those issues by creating explicit time and space for students to learn the techniques and structures necessary across all subject areas. CORE will also develop universal templates & process documents that PH teachers can use in seminars, allowing for more specificity and consistency in grading.

By dividing CORE into grade level groupings, cultural and academic rites of passage will be created as students move through their HS experience which will culminate in the Defense Process and the Senior Series, preparing students to develop their Mastery Transcript and their post-secondary applications.

Essentially CORE will build student academic skills and project presentation skills, lifting the floor for the quality of projects produced in seminars.

## Elements & Structure of CORE:

All Pathways high students will be in a CORE group each year. This time focuses on building the organization skills, academic skills, design thinking skills, and EMPOWER skills needed to be successful in interdisciplinary seminars as well as college and career planning. CORE groups will also focus on community building. Students will be placed in a CORE group based on their grade level. While students will be in the same CORE group throughout the year, their instructors will rotate. 9th & 10th will rotate between the Comm Arts & STEM CORE Groups, while Juniors and Seniors are with the same group of instructors throughout the year.

- **Communication Arts CORE (Grade 9-10):** The Communication Arts CORE group will focus on the essential skills in formal writing and inquiry research, providing students focused, universal, but leveled tools that can be translated in writing and research throughout all seminars. Additionally, students will be introduced to the Future Readiness standards from the Exploring Perspectives Application teaching lane.
  - KEY PROCESSES: Note Taking, Socratic Seminar, 5 Paragraph Essay, Debate, TED Talk
- **STEM CORE (Grade 9-10):** The STEM CORE group will focus on the Foundational Scientific Processes and Data interpretation, as well as Math Modeling skills. This will give students the opportunity to leverage data and research throughout their other seminars. Additionally, students will be introduced to the Future Readiness standards from the Problem Solving and Critical Thinking lane.
  - KEY PROCESSES: Ignite Speeches, Scientific Posters, 3D modeling, Experimental Design
- **Junior CORE (Grade 11):** The Junior CORE will focus on students preparing and for the Defense Process. The majority of time in CORE will be spent on students identifying, refining, and practicing projects that will be able to pass the Defense panel, and earning Advanced Mastery Credits to show on their Mastery Transcript. Juniors will also receive specific support in: beautifying project presentations, ACT preparation, and beginning their post-secondary explorations & college searches.
  - KEY PROCESSES: Defense, Indigo, ACT Prep, and College/Career Exploration
- **Senior CORE (Grade 12):** The Senior CORE will continue to support students in their academic skills and EMPOWER skills but will have a large focus on exploring career and post secondary options. This cohort will support students with going on job shadows, finding and beginning internships, investigating scholarships, understanding the FAFSA and planning for an IMPACT year if they are interested. Students will also create their Mastery Transcript by picking, refining and creating artifacts and aligning them to mastery credit areas to create a story that shows them as a learner, their skills and achievements. Students may engage in large scale independent projects in support of their mastery transcript artifacts. Students enrolled in an IMPACT year will also be placed in this cohort but may only be there one day a week for needed support and coaching.
  - KEY PROCESSES: Mastery Transcript, College Essay/Cover Letter, Resume, Xello, Interview Practice, Financial Literacy

Each CORE Group will focus on a particular content area and particular standards within that content area. Each CORE Content Group will develop a continuum for the skills and standards to be taught so that over 3 years, students are exposed to all the standards in the relevant content lanes. Students will not necessarily be applying all the content to projects, but rather will be workshopping focusing on particular standards & skills. This progression will be decided by the particular CORE team. CORE groups will also embed Future Readiness standards in their instruction as well.

### [CORE Skills Outline](#)

Additionally, some supports will be embedded with particular grade levels. For example, 9th grade CORE will support onboarding students to Pathways and building their understanding of our particular programming and norms. .

## 2022-2023 Structure

Content Theme	Teachers Involved	Content Lane	Future Readiness Lane
<a href="#">STEM</a>	Amber, Sean, Mary	Mathematical Modeling	Ownership of Learning 9th

		(Mastery Credit) <b>Foundational Scientific Process</b>	Problem Solving and Critical Thinking (10th/11th)
<a href="#">Communication Arts</a>	Josh, Meredith, Serina	<b>Formal Written Expression</b>  <b>Inquiry Research</b>	Exploring Perspectives Application
<a href="#">Junior Defense CORE</a>	Chris, Melissa		<b>Reflection and Refinement</b>
<b>Seniors</b> Focus: MTC, College, workforce, and service preparation	Lucas, Brandi, Julia		<ul style="list-style-type: none"> <li>• Exploring Perspectives Application</li> <li>• Ownership of Learning</li> <li>• Problem Solving and critical thinking</li> <li>• College and Career Readiness</li> </ul>

	Semester 1	Semester 2
<b>9th Grade</b>	<a href="#">Communication Arts</a>	STEM
<b>10th Grade</b>	STEM	Communication Arts
<b>11th Grade</b> (College Possible Connection)	Junior Defense	Junior Defense
<b>12th Grade Senior Series</b>	<a href="#">College Prep/MTC</a>	Career/Workforce Exploration