

# Information for Course Syllabus

Name of Course: AP Research

Grade Level: 11-12

School: ORHS

Major Assignments: Academic Paper and Presentation,  
AP Research Poster and Presentation

Field Trips: None

How can parents access instructional materials? Canvas

# AP Research

## 2021-2022

### Term 1

<b>Developing Research Essentials</b>	Students are provided multiple analysis methods that allow them to distinguish what should be used for their research and what sources lack the efficacy of the subject.
	Students will be given time to search and assimilate information within their body of knowledge. This will include consultation with an expert adviser.
	Students will transform a topic or issue into a problem statement.
	Students will begin transforming a problem statement into a research question.
	Students will provide peer feedback and receive advisor feedback to build a research question with appropriate focus, scope, value, and feasibility.
<b>Methods and Research Design</b>	Teacher Lecture from AP Stat on Sampling and Experimentation Design.
	Students will explore other research methods and will present those methods to the class.
	Students will explore prior research and methods used to see how these can be incorporated into their research method
	Students will work on their Inquiry Proposal Form and create a “pitch” presentation.
	Students will continue to gather sources and add to their Annotated Bibliography.
	Students will complete an IRB submission that will be reviewed by faculty and administration.
<b>Introduction Element in Academic Paper</b>	Students are required to complete a comprehensive annotated bibliography in which they acknowledge the use of at least 10 sources but could many more.
	Students pare down their source list from the previous unit and create a list of sources that will acknowledge and defend their rationale for their research question and field of study.
	Students take the opportunity to draft their literature review for their academic paper. This will be revised later. Students learn how to apply their own discussion to the context of their discipline.
	Students will present their literature reviews to the class and will give and receive feedback from their peers.

# AP Research

## 2021-2022

### Term 1

<b>Introduction to Final Paper Academic Element</b>	Students will be collecting data and peer review and discussion of the data.
	Students will learn about Quantitative Data Types and Qualitative Data Types.
	Students will compose their findings within their research paper.
	Students will understand the functionality of data analysis.
	Establish final elements of the Academic Paper.

<b>Composition of Academic Paper Final Elements</b>	Data Analysis Composition (information provided should contextualize to increase awareness of how student's data fits into the larger body of knowledge)
	Conclusions and Future Directions Component Composition (Students link their conclusions to the real-world implications. Students will answer the "So What?" question regarding the rationale of their chosen research.)
	Analysis Element Composition (The final composition of the paper students should use external scholarly sources connected to their topic to further solidify importance of their own findings. Students will show not only the understanding of their own findings, but relate their findings to pre-existing perspectives in their disciplines.
	Guided/Unguided Peer Review (students are given multiple opportunities to review academic papers of others against the rubric)

# AP Research 2021-2022

## Term 2

<b>Composition of Academic Paper Final Elements</b>	Data Analysis Composition (information provided should contextualize to increase awareness of how student's data fits into the larger body of knowledge)
	Conclusions and Future Directions Component Composition (Students link their conclusions to the real-world implications. Students will answer the "So What?" question regarding the rationale of their chosen research.)
	Analysis Element Composition (The final composition of the paper students should use external scholarly sources connected to their topic to further solidify importance of their own findings. Students will show not only the understanding of their own findings, but relate their findings to pre-existing perspectives in their disciplines.
	Guided/Unguided Peer Review (students are given multiple opportunities to review academic papers of others against the rubric)

<b>Revision and Presentation Preparation</b>	Students build visual presentation.
	Guided/unguided peer review of visual presentation.
	Mock presentations (presenters will be scored by their peers using the rubric, feedback is given for personal reflection purposes).

# AP Research 2021-2022

## Term 2

<b>Post-Submission Exploratory Work</b>	AP Research Poster (students create a professional poster that represents their research project)
	AP Research Poster presentations (students present to parents, school officials, and future AP Research students)
	AP Research Academic Paper Submission (students submit their paper to either the school journal or professional journal).
	Continuing AP Capstone work in college (students continue the research process in their post-secondary work).