

AP CAPSTONE - RESEARCH

LISD

YEAR AT A GLANCE

	1ST CYCLE	2ND CYCLE	3RD CYCLE	4TH CYCLE	5TH CYCLE	6TH CYCLE
ESSENTIAL UNITS OF STUDY	INTRO TO INQUIRY AND RESEARCH METHODS	DEVELOPING INQUIRY PROPOSAL AND LITERATURE REVIEW	DESIGNING RESEARCH	CONDUCTING RESEARCH AND ANALYZING FINDINGS	WRITING THE RESEARCH PAPER AND CREATING PRESENTATION	END OF THE YEAR
CONTENT TOPICS	Students will choose a topic/issue, begin to find sources, develop annotated bibliography, create research questions, understand various research methods, begin to complete inquiry proposal form, and reflect on personal progress.	Students will present a final inquiry proposal for peer-review, complete drafts of literature review, identify and seek assistance from an expert advisor, finalize choice of inquiry method, present poster presentation and elevator speeches, and reflect on personal progress.	Students will identify appropriate documentation style for study, complete drafts of method explanation, finalize IRB approval, engage in conversations with AP teacher and expert advisor(s), complete PREP necessary for plan, and reflect on personal progress.	Students will conduct research & analyze findings to reach a conclusion to their research, present extended poster presentations, participate in peer-reviews as necessary, and reflect on personal progress.	Students will write, proof, peer-review, and submit finalized papers, create, practice, present, and submit presentations, use Turnitin.com to ensure against plagiarism, and reflect on personal progress.	Students will focus on academic scholarship in the collegiate setting to extend their Capstone experience. As well, students will also complete an exit interview with the teacher.
LEARNING OBJECTIVES	LO 1.1 A-E LO 2.1 A-B LO 2.2 A-D LO 2.3 A-B	LO 1.2A LO 1.3A LO 1.4A LO 1.5A-B LO 3.1 A LO 3.2A LO 5.4 A-B	LO 1.5C-D LO 4.1 B LO 5.4 A-B	LO 4.1 A LO 4.2 A-B LO 4.4 A LO 4.5 A LO 5.4 A-B	LO 4.3 A LO 5.1 A-F LO 5.3 A,C LO 5.4 A-B	

RESOURCES	AP Research: The exam. (2017). Retrieved September 19, 2017 AVID Weekly Booth, W. C. (2016). <i>The craft of research</i> (4th ed.). Chicago, [Illinois]: The University of Chicago Press. Burns, R. B. (2000). <i>Introduction to research methods</i> (4th ed.). London: SAGE. Christensen, L. B., Johnson, R. B., & Turner, L. A. (2015). <i>Research methods, design, and analysis</i> (12th ed.). Boston, Mass.: Pearson. Creswell, J. W. (2014). <i>Research design: Qualitative, quantitative, and mixed methods approaches</i> (4th ed.). Los Angeles: SAGE. Dawson, C. (2009). <i>Introduction to research methods: A practical guide for anyone undertaking a research project</i> (4th ed.). New York: Constable & Robinson. Flick, U. (2015). <i>Introducing research methodology: A beginner's guide to doing a research project</i> (2nd ed.). London: Sage. IPUMS. (2017). Retrieved September 18, 2017, from IPUMS Kallet, R. H. (2004). How to write a methods section of a research paper. <i>Respiratory Care</i>, 49(10), 1229-1232. Knowles, J. G., & Cole, A. L. (2008). <i>Handbook of the arts in qualitative inquiry: Perspectives, methodologies, examples, and issues</i>. Thousand Oaks: Sage. Leedy, P. D., & Ormrod, J. E. (2001). <i>Practical research: Planning and design</i> (7th ed.). Upper Saddle River, N.J.: Merrill Prentice Hall. Literature reviews. (2017). Retrieved September 19, 2017, from Picardi, C. A., & Masick, K. D. (2014). <i>Research methods: Designing and conducting research with a real-world focus</i>. Los Angeles: SAGE. Purdue OWL Rowland, D. R. (n.d.). Annotated sample research proposal: Process and product. Retrieved June 21, 2017, from University of Queensland website: Salkind, N. J. (2003). <i>Exploring research</i> (5th ed.). Upper Saddle River, NJ: Prentice Hall. https://www.niehs.nih.gov/research/resources/bioethics/whatis/index.cfm	Analyze qualitative data. (2017). Retrieved September 19, 2017, from The Pell Institute and Pathways to College Network Analyze quantitative data. (2017). Retrieved September 19, 2017, from The Pell Institute and Pathways to College Network Analyzing Qualitative Data for Evaluation [Pamphlet]. (2009). Analyzing quantitative data for evaluation [Pamphlet]. (2009). AP Research: The exam. (2017). Retrieved September 19, 2017 Booth, W. C. (2016). <i>The craft of research</i> (4th ed.). Chicago, [Illinois]: The University of Chicago Press. (ch 15) Charts and graphs to communicate research findings. (n.d.). Purdue OWL Section 5. Collecting and analyzing data. (2017). Retrieved September 19, 2017, from Community Tool Box	
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