

Senior Projects

2022–2023



BASIS GOODYEAR

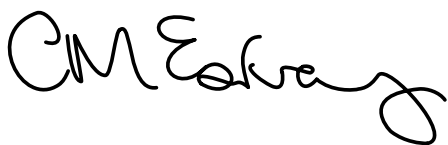
At this point in their senior year, BASIS Charter School students have completed a set of four BASIS Capstone classes to earn their BASIS Honors Diploma. In addition, many students are in the process of completing the prestigious College Board's AP Capstone Diploma™, a challenging, two-year sequence of AP Seminar™ and AP Research™, plus four other AP® Exams, all of which require extensive research, writing, and oral defense. The BASIS Diploma Senior Project marks the culmination of this hard work and perseverance.

Completed in the third trimester of a student's senior year, the Senior Project is unique, self-designed, and reflective of the students' varied academic interests and passions. Regardless of the discipline —business, art, humanities, science, engineering, social work, medicine, or law — each senior must develop and explore a research question. Creating an abstract that sets the tone of the research, participating seniors must submit a project proposal, and later, orally defend their methodologies.


Under the guidance of an external advisor who is a professional in their field, as well as a faculty advisor from their school, students dedicate 10–15 hours per week to the completion of their Senior Project. To document their journey, students post weekly blog entries about their experiences, successes, and challenges as they explore their guiding question. This journaling provides a unique viewpoint on the student activities and adds a reflective layer to their research process.

Throughout the development of the Senior Project, BASIS Charter Schools support their seniors every step of the way as they develop investigative skills and their own individual scholarly pursuits. The project summaries in this publication clearly illustrate each senior's ability to apply the knowledge, and intellectual curiosity they have acquired in the classroom to professional research methods and learning. At the successful conclusion of this project, students are eligible for a BASIS Diploma with High Honors, the most distinguished accolade offered by BASIS Charter Schools.

Each member of the BASIS Charter Schools network commends our seniors for their dedication, and motivation, not only for completing this Senior Project, but for their commitment to the BASIS Charter School Curriculum. Congratulations to them on this powerful achievement, and our best wishes as they move forward on their educational journey.



Carolyn McGarvey
Chief Executive Officer
BASIS Ed AZ+



Patti Bezanson
Chief Executive Officer
BASIS Ed Texas

JACKSON B.



MUSICAL INDEPENDENCE: EXPLORING THE RELEVANCY OF RECORD LABELS

SUMMARY: In the modern age of technology, it is easier now than ever to create, market, and publish your own music to the internet from your home, independent of any record label or recording studio. This completely bypasses the traditional role of a record label in helping artists create, market, and publish their music. Along with this, digital music streaming services continue to increase in use and popularity, making the need to publish physical music optional in order for fans to listen to one's music. This begs the question: in the modern age of technology and digital music, are record labels still relevant? As new artists continue to spring up, it is important for them to know which route to take as they expand their horizons. Over the course of three months, I have conducted research on how independent artists make and publish their music separate from a label, as well as how artists make and publish their music with assistance from a record label. I have also created, marketed, and published my own album with the research I have gained on the music-making process. Through my research and experiences, I have discovered new information that is helpful for new artists as they navigate the music industry.

• **BASIS ADVISOR:** Tavious Peterkin • **ON-SITE MENTOR:** Sherry Finzer • **LOCATION:** Heart Dance Records

ABIGAIL B.



FUNCTIONALITY, COMFORT, AND SUSTAINABILITY: THE MODERN AND FULFILLING HOME

SUMMARY: What home is functional and comfortable but also sustainable? Nowadays, the average American has many choices of living, but which one best matches their needs while minimizing resources and the impact on the environment? That's what I intended to find out. This inquiry contributed to my plans as an architect and adds to the existing body of knowledge on how to supply sustainable and affordable homes to the general public across all socio-economic groups and residential areas. My internship at Collective Design + Build exposed me to a wide variety of private clients and their projects while providing me with the experience I needed to design a home. I implemented a variety of research methods to develop my understanding of designing sustainable housing such as academic journals, scholarly articles, and current literature. Video content created by licensed architects was used to learn about the model building process and its required materials. A presentation of a 3D model of a home along with sketches of additional designs summarized my findings. Throughout this project, I discovered a balance between comfort and sustainability with a design that is realistic and attainable.

• **BASIS ADVISOR:** Rachel Heinold • **ON-SITE MENTOR:** Kami Schaffner • **LOCATION:** Collective Design + Build



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