2023 AP® 3-D Art and Design

Sustained Investigation and Selected Works

Sustained Investigation–Score 3/3/3/3

Scoring Criteria	Score Rationale
Row A: **Inquiry** Score: 3 Written evidence **identifies** an inquiry that **guides** the sustained investigation. **AND** Visual evidence **demonstrates** the sustained investigation.	The written evidence identifies an inquiry that guides the sustained investigation supported through advanced visual evidence. The core premise of this inquiry centers on the attempt “to reveal hidden truths about our decisions” and the “negative impact of humans” on our environment. The work shows the resolution of this charge through a systematic presentation that reveals the intended vision. The thematic intentions of the portfolio are clear and subsequently validated by the connection of the statement and visual evidence. The guiding principle, which features the struggle between nature and the destructive nature of humanity, fully empowers the sustained investigation.
Row B: **Practice, Experimentation, and Revision** Score: 3 Visual evidence of practice, experimentation, **AND** revision **demonstrates development** of the sustained investigation. **AND** Written evidence **describes how** the sustained investigation shows evidence of practice, experimentation, **OR** revision.	Practice, experimentation, and revision are visually evident in the artwork and demonstrate the development of a sustained investigation. In particular, the written evidence informs the visual development by documenting practice and experimentation through sketches and notation in images 6, 11, and 13. Each work shows an incremental progression toward refining the investigation and reveals effective use of revision. The utilization of juxtaposition as a design tool endorses the overall development of artwork by contrasting the organic shapes of nature with the industrialized remnants of found objects. In this portfolio, the visual evidence of practice, experimentation, and revision demonstrates development of the sustained investigation, and the written evidence describes the evolution.

Row C: **Materials, Processes, and Ideas** Score: 3 **Visual relationships** among materials, processes, **AND** ideas are **clearly evident** and **demonstrate synthesis.**	In this body of work, the visual relationship among materials, processes, and ideas is clearly evident and demonstrates synthesis. The broad use of materials is utilized effectively through various processes (casting, assemblage, additive, subtractive) to address the intended ideas. Image 5 is an example of synthesis: the subject is sea life, formed by a fusion of small plastic cars, intended to represent the adverse effects of auto emissions. All works in the portfolio feature clearly evident visual relationships among materials, processes, and ideas, demonstrating synthesis and evidence of a highly developed understanding of these relationships.
Row D: **2-D/3-D/Drawing Art and Design Skills** Score: 3 Visual evidence of **good and advanced** 2-D/3-D/Drawing skills.	Visual evidence of advanced 3-D skills, as defined by a highly developed comprehension of the elements and principles of art and design, is apparent. The portfolio promotes a continuous theme utilizing altered “discards” to guide the direction of the investigation through the effective use of various design principles, including repetition/rhythm (images 5, 8, 12, and 15) and purposeful engagement with surface design, color, texture, form, and contrast. The visual evidence of all works includes a range of proficient to highly developed 3-D skills.

Written Evidence

Sustained Investigation

Identify the question(s) or inquiry that guided your sustained investigation.

Response:

How do our daily decisions impact our environment? 1 introduces my inquiry by showing how my interest in space and planets expanded my passion for the environment. As my love for nature grew, so did the negative impacts on it by humans. I decided to reveal hidden truths about our decisions, in order to give a voice to the environment. In my works, 2–7 explain how we affect our ocean; 8,9,12, and 13 about terrestrial organisms; and concluding with 14,15, talking about how our actions come back to us. For 2 and 5 I use mirrors, unveiling the viewers as the culprit for the damaged environment.

Describe how your sustained investigation shows evidence of practice, experimentation, and revision guided by your question(s) or inquiry.

Response:

In 7, I tried different shapes to mimic icebergs melting and created knots for a “positive feedback loop”. I primarily focused on recycling and repurposing everyday items into art. For example, 9 I used spray-painted trash bags, 5 I used old toy cars, 8 I used cardboard boxes, and 14 I used trash to show how the greediness of developed countries affects less developed ones. In contrast, 10 shows how humans slowly reinvested to create a green sustainable environment. In the process of making each piece, I realized that I was also a culprit, ultimately inspiring me to live more sustainably.



Image 1

Sustained Investigation

Height: 40

Width: 24

Depth: 32

Materials:

Wood slabs, dowels, foam ball, clear PVC pipe, wire, paint

Process(es):

Created a planet baby bead maze, shows my early interest in space, which grew my interest in nature



Image 2

Sustained Investigation

Height: 3

Width: 26

Depth: 12

Materials:

Ceramic bowls, air dry clay, acrylic paint, mirrors

Process(es):

Researched, sculpted, and painted clay into overfished animals. Used bowls to mimic food.







Image 3

Sustained Investigation

Height: 58

Width: 48

Depth: 48

Materials:

Worn jeans, yarn, plaster, balloon

Process(es):

Cut worn jeans to make Earth, pile of jeans reflect the production of waste water from fast fashion







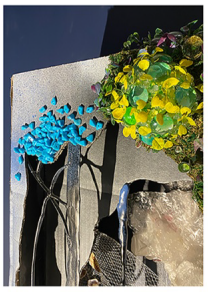


Image 4

Sustained Investigation

Height: 40

Width: 36

Depth: 12

Materials:

Cardboard, fake plants, trash, moldable plastic, beads

Process(es):

Made layers and cut organic shapes to mimic water, shows the effects of algal blooms and dead zones



Image 5

Sustained Investigation

Height: 27

Width: 42

Depth: 42

Materials:

Mirrors, toy vehicles, spray paint

Process(es):

Shaped a coral, glued vehicles, and spray painted white to show how vehicle emissions kills coral

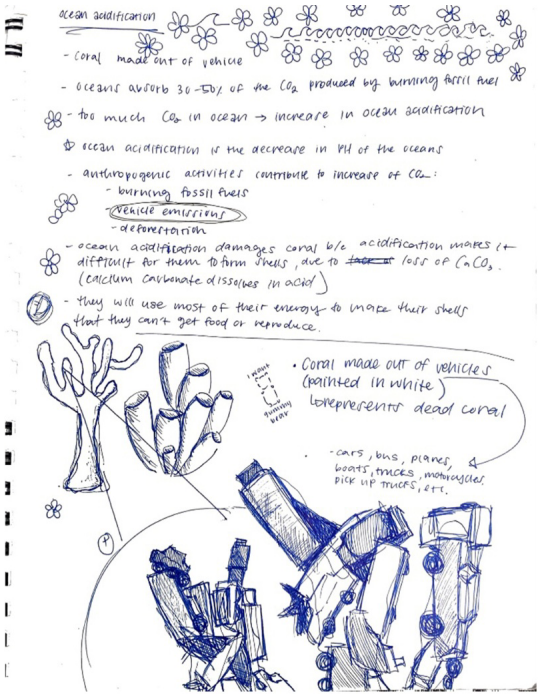






Image 6

Sustained Investigation

Height: n/a

Width: n/a

Depth: n/a

Materials: sketchbook

Process(es):

Mirrors create four corals to show the continuous cycle of marine animals dying from rising CO2







Image 7

Sustained Investigation

Height: 90

Width: 72

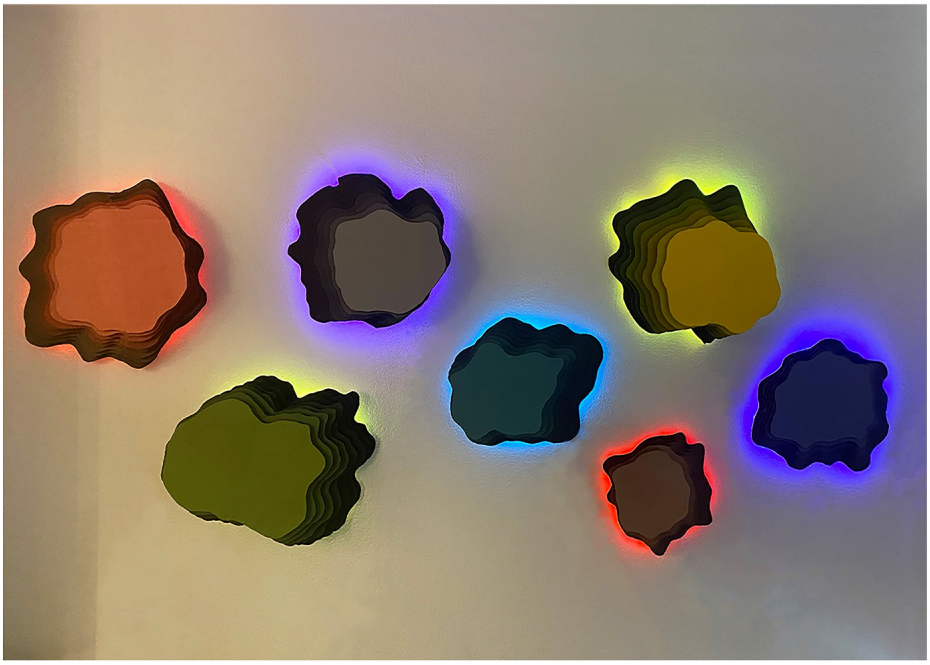
Depth: 84

Materials:

Fabric, LED lights, pillow stuffing

Process(es):

Sewed a long pillow with LED lights, the structure falling down imitates the melting of icebergs





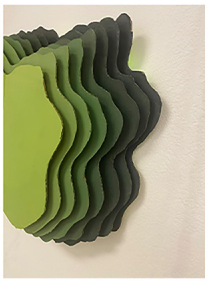




Image 8

Sustained Investigation

Height: 60

Width: 96

Depth: 14

Materials:

Cardboard, paint, led lights, wood blocks

Process(es):

Repeatedly cut, painted cardboard to imitate tree stumps, each represents causes of deforestation



Image 9

Sustained Investigation

Height: 94

Width: 72

Depth: 80

Materials:

Trash bags, spray paint, foam spray, fake plants

Process(es):

Spray painted materials with bright colors, shows how invasive species stand out in any environment





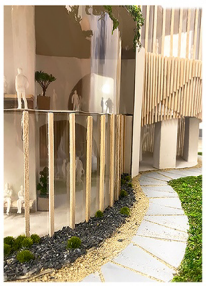


Image 10

Sustained Investigation

Height: 15

Width: 32

Depth: 20

Materials:

Chipboard, balsa wood sticks, moss, paper, sand, slate stones, flowers

Process(es):

Researched different aspects that make up a green building, designed my own and built a model

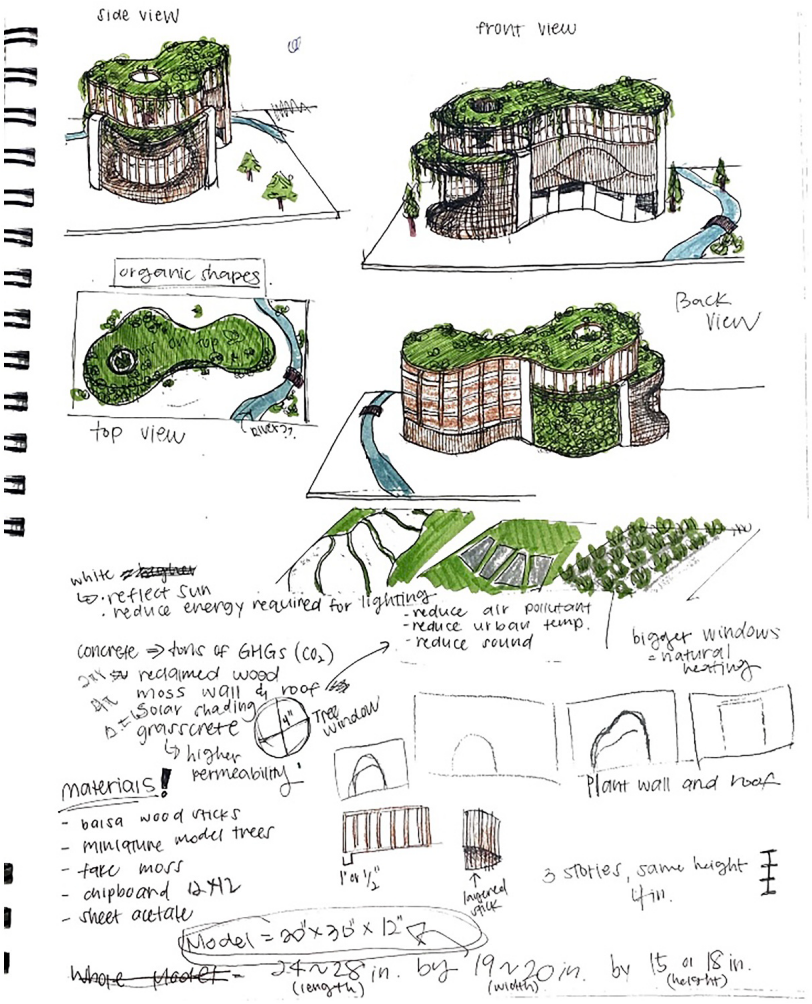


Image 11

Sustained Investigation

Height: n/a

Width: n/a

Depth: n/a

Materials: sketchbook

Process(es):

Experimented with elements of the building such as various types of grasscrete and solar shading



Image 12

Sustained Investigation

Height: 80

Width: 64

Depth: 60

Materials:

Faux fur, petticoat, caution tape

Process(es):

Inspired by a whooping crane, an endangered bird, caution tapes are used to show vulnerability



Image 13

Sustained Investigation

Height: n/a

Width: n/a

Depth: n/a

Materials: sketchbook

Process(es):

Wanted to capture its oversized body contrasted from its thin legs by exaggerating using a petticoat

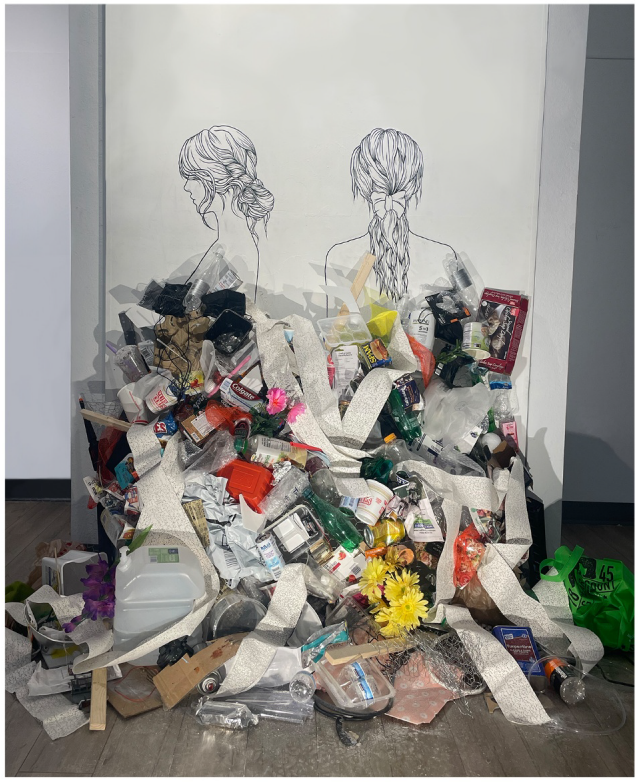






Image 14

Sustained Investigation

Height: 80

Width: 70

Depth: 18

Materials: Trash, paint, chicken wire

Process(es):

Stacked trash to mimic landfills in poor countries. The toxic items affect women and their children









Image 15

Sustained Investigation

Height: 84

Width: 216

Depth: 75

Materials: Plaster, paint, fishing wire

Process(es):

The void of headless body parts shows how there is no single person that caused the failed world

Selected Works–Score 5

Scoring Criteria	Score Rationale
Writing Written evidence **identifies** materials, processes, and ideas.	Written details throughout the portfolio provide helpful information and intention about the visual evidence identifying materials, processes, and ideas. Work 2 offers an example of written evidence that informs by linking the concept of “invasive species” to “suffocating in plastic” to clarify the intention.
3-D Art and Design Skills Visual evidence of **advanced** 3-D **skills.**	The work shows visual evidence of advanced 3-D skills, as defined by a highly developed understanding of the elements and principles of art and design. The portfolio presents a variety of solutions through advanced engagement with form, space, texture, and color in each 3-D work. The visual evidence documents proficiency in casting (work 3), assemblage (works 2, 4, and 5), additive (work 1), and subtractive methods to address the skillful integration of fabrication methods and symbolism. Overall, the work in the portfolio demonstrates highly developed 3-D skills.
Materials, Processes, and Ideas **Visual Relationships** among materials, processes, and ideas are **clearly evident** and **demonstrate synthesis.**	The visual relationships among materials, processes, and ideas are clearly evident and demonstrate synthesis. “Inspired by invasive species and their ability to adapt and reproduce quickly,” work 2 displays the process of assembling “found objects” into a large-scale flower that is “suffocating in plastic.” The devastating nature of invasive species is depicted through a purposeful composition and demonstrates appropriate synthesis. The comprehensive structure of the portfolio presents clear evidence of a highly developed understanding of visual relationships among materials, processes, and ideas that demonstrate synthesis.



Work 1.1

Selected Works

Height: 3

Width: 26

Depth: 12

Idea(s):

Wanted to mimic a set table with animals that are commonly overfished for consumption

Materials:

Ceramic bowls, air dry clay, acrylic paint, mirrors

Process(es):

Placed mirrors to show the reflection of the viewer. Helps show how our decisions affect marine life



Work 1.2

Selected Works

Height: 3

Width: 26

Depth: 12

Idea(s):

Wanted to mimic a set table with animals that are commonly overfished for consumption

Materials:

Ceramic bowls, air dry clay, acrylic paint, mirrors

Process(es):

Placed mirrors to show the reflection of the viewer. Helps show how our decisions affect marine life



Work 2.1

Selected Works

Height: 94

Width: 72

Depth: 80

Idea(s):

inspired by invasive species and their ability to adapt and reproduce quickly

Materials:

Trash bags, spray paint, foam spray, fake plants

Process(es):

Flowers suffocating in plastic show invasive species killing native plants by taking their resources



Work 2.2

Selected Works

Height: 94

Width: 72

Depth: 80

Idea(s):

inspired by invasive species and their ability to adapt and reproduce quickly

Materials:

Trash bags, spray paint, foam spray, fake plants

Process(es):

Flowers suffocating in plastic show invasive species killing native plants by taking their resources



Work 3.1

Selected Works

Height: 84

Width: 216

Depth: 75

Idea(s):

"Project: A-VOID" shows the results of our continuous inattention to nature

Materials: Plaster, paint, fishing wire

Process(es):

Splattered colors represent grief: black for denial and death, red for anger, yellow for acceptance



Work 3.2

Selected Works

Height: 84

Width: 216

Depth: 75

Idea(s):

"Project: A-VOID" shows the results of our continuous inattention to nature

Materials: Plaster, paint, fishing wire

Process(es):

Splattered colors represent grief: black for denial and death, red for anger, yellow for acceptance



Work 4.1

Selected Works

Height: 58

Width: 48

Depth: 48

Idea(s):

wanted to reveal the negative side of fast fashion and how businesses cover it with low prices

Materials:

Worn jeans, yarn, plaster, balloon

Process(es):

Used a globe to compare the amount of water wasted by fast fashion and how it is used globally



Work 4.2

Selected Works

Height: 58

Width: 48

Depth: 48

Idea(s):

wanted to reveal the negative side of fast fashion and how businesses cover it with low prices

Materials:

Worn jeans, yarn, plaster, balloon

Process(es):

Used a globe to compare the amount of water wasted by fast fashion and how it is used globally



Work 5.1

Selected Works

Height: 15

Width: 32

Depth: 20

Idea(s):

Wanted to create a green building to experiment with a different style of art: architecture

Materials:

Chipboard, balsa wood sticks, moss, paper, sand, slate stones, flowers

Process(es):

Organic shapes help blend with its natural surroundings. White interior helps spread natural light



Work 5.2

Selected Works

Height: 15

Width: 32

Depth: 20

Idea(s):

Wanted to create a green building to experiment with a different style of art: architecture

Materials:

Chipboard, balsa wood sticks, moss, paper, sand, slate stones, flowers

Process(es):

Organic shapes help blend with its natural surroundings. White interior helps spread natural light