

# Unit 7: Advanced Design Elements: Design with Meaning, Purpose, Symbolism for Experience / Designing a Monument

Content Area: **Technology**  
Course(s):  
Time Period: **March**  
Length: **8-9 Blocks**  
Status: **Published**

## Enduring Understandings

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1. The usage of material, approach, space and light are critical to the design of a monument concept
2. Every detail of a memorial is important to the overall meaning and symbolism of the design
3. The path and viewpoints while experiencing the design speak to the overall design experience and ultimately the intention of the memorial

## Essential Questions

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1. Think of a memorial that you visiting recently. How did it make you feel? What types of materials or other design choices influenced those feelings?
2. How can a shape of a moment or internal design elements influence your experience?
3. There is often a prescribed pathway through a monument. How can that path be used to add to the design experience or the symbolism?
4. Design elements can stand alone, but also work together. How can two design elements work together to evoke a particular meaning?

## Content

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Vietnam Memorial (D.C) , World War II Memorial (D.C),

## Skills

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1. Students will be able to write a summary of their design concept using unit vocabulary
2. Students will be able to analyze a design of a monument and describe the meaning and symbolism of the design concept

3. Students will be able to design a monument for a historical event and use various communication medium to explain its significance

4. Students will be able to use design technology to design a monument

## **Resources**

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AutoCAD (Latest Version), VRay Plugin (Latest Version), Sketchup (Latest Version)

## **Standards**

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9.3.12.AC-DES.7 - Employ appropriate representational media to communicate concepts and project design.

CTE 9.3.12.AC.6 - Read, interpret and use technical drawings, documents and specifications to plan a project.

CTE 9.3.12.AC.1 - Use vocabulary, symbols and formulas common to architecture and construction.

CTE 9.3.12.AC-DES.6 - Apply the techniques and skills of modern drafting, design, engineering and construction to projects.

8.2.12.D.1 - Design and create a prototype to solve a real world problem using a design process, identify constraints addressed during the creation of the prototype, identify trade-offs made, and present the solution for peer review.