

STEAM 3

Students will:

- *Understand and implement the Design Cycle*
- *Understand how the Design Cycle might be used to solve problems*
- *Practice cooperation working in partners and small groups*
- *Develop and practice problem solving skills*
- *Practice critical and creative thinking*
- *Reflect and respond appropriately to challenges that arise*
- *Focus on the safe and effective way to use different materials*

STEAM 4

Students will:

- *Understand and implement the Design Cycle*
- *Understand how the Design Cycle can be used to solve problems with multiple solutions*
- *Practice cooperation working in teams*
- *Develop and practice problem solving skills*
- *Practice critical and creative thinking*
- *Reflect and respond appropriately to challenges that arise*
- *Focus on the safe and effective way to use different materials*

STEAM 5

Students will:

- *Understand and implement the Design Cycle for problem solving*
- *Develop multiple iterations of a product to improve its performance*
- *Demonstrate cooperation working in teams*
- *Utilize problem solving skills*
- *Demonstrate critical and creative thinking*
- *Reflect and respond appropriately to challenges that arise*
- *Focus on the safe and effective way to use different materials*