

Learning Intentions

- Identify the geometry in a given object.
- Identify the profiles evident in an object from orthographic views.
- Using the geometry identified to show an approach to 3D modelling.
- Ability to effectively communicate findings.



Success criteria.

- 2D orthographic sketches
- 3D pictorial sketches
- Annotations
- Render
- Communicate modelling approach



Hair Gel Tub

Learning Intentions

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Success criteria.

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Frame and stand

Learning Intentions

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Success criteria.

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Pizza slicer

Learning Intentions

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Success criteria.

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Logitech speaker

Learning Intentions

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Success criteria.

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Ice Cream Scoop

Learning Intentions

In this activity we are learning to :

- analyse the shape form and geometry of an object and communicate understanding through 2D and 3D sketches.
- convey appropriate approaches to modelling the object in SolidWorks.



Success criteria.

In your graphical representation of the object please include:

- exploration of geometry through well proportioned 2D and 3D sketches
- communicate possible modelling approach in SolidWorks
- communication of economy of design and design intent
- apply appropriate rendering and annotation to sketches.



Solar wall light