



# VIVED Carpentry

## 1. Construction Fundamentals

1.1 Demonstrate the importance of health, safety and environmental management systems in organizations and their importance to organizational performance and regulatory compliance.

1.2 Select and use basic hand tools.

- Hand Tools

1.3 Select and use power tools and describe their proper operation.

- Power Tools

1.4 Demonstrate mathematics knowledge and skills relevant to the construction industry.

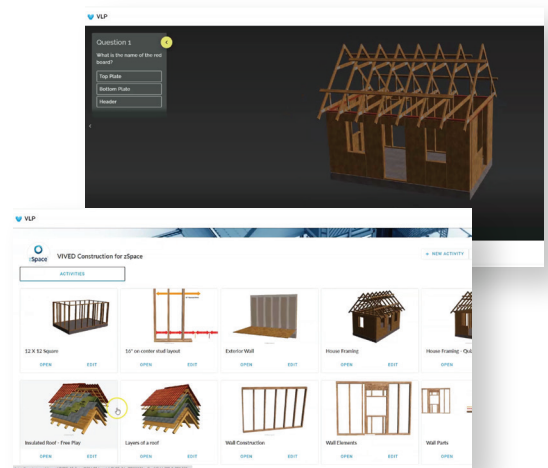
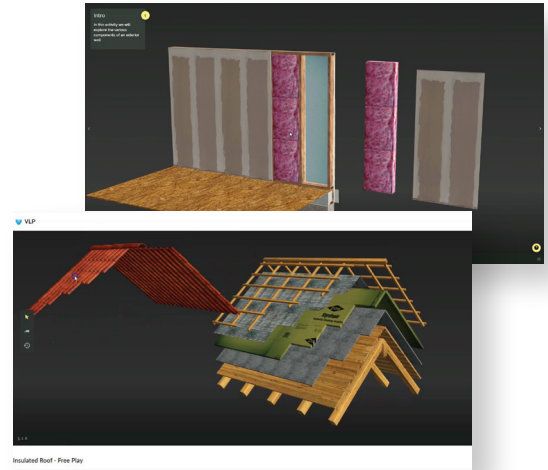
- Chalk Line Game

1.5 Demonstrate carpentry skills.

- Tape Measure Game Read and interpret construction drawings.
- Wall Plans Frame floor systems based on drawing and specification requirements.
- Floor System Chalk Line

1.6 Frame walls and ceilings based on drawing and specification requirements.

- Wall Elements
- Parts of the Roof



## Phase 2

1.1 Erect, plumb and brace a simple concrete form with reinforcement.

1.2 Lay masonry units. To broad, there is a difference between brick block and stone

1.3 Select the appropriate heavy equipment for a given task. (Optional)

1.4 Install roofing materials.

1.5 Install exterior finishes.

1.6 Demonstrate interior carpentry skill.

1.7 Prepare and apply finishes to surfaces.

1.8 Build stairs.