

**Unit:** Project Book 3 Commercial Unit 5 Interior Systems

**Title:** Drywall Finishing

**Skill(s) and Knowledge:** Identify the different drywall finishing tools and their proper uses. Apply tape and joint compound to wall board to conceal joints. Identify the purpose of joint compound.

**Tasks:** Students will be able to identify drywall accessories and use these accessories to properly tape drywall. Use the drywall taping knives to apply joint compound.

**Performance objective:**

Set-up a mixing area and prepare pre-mixed joint compound, fill a mud pan, prefill breaks and gaps, apply compound and tape. Tape horizontal and vertical joints, inside and outside corners, sand and clean tools.

**Tools, supplies and reference materials:**

Taping knives, mud pans or hawks, 5 gal buckets of pre-mixed joint compound, tape and tape dispensers, compound mixer, spade handle drill, compound masher, drywall sandpaper, pole sander, corner trims, clinch-on tool, area for mixing, Career Connections Project Book 3 p 264-311.

**Methods of instruction:** Demonstration on how to tape drywall with the drywall knives, tape and compound. Lecture on tool safety and the importance of a proper mixing area.

**Estimated time:** 30 hrs. **Number of students:** 10

**Task analysis or activities:**

Students will tapedrywall.

1. gather the materials and set-up the mixing area
2. mix the compound with the drill
3. apply compound with the taping knives
4. Properly clean all drywall tools
5. Use the pole sander to finish

**Evaluation:** Students will be graded on their use of time, safety methods, quality of work, cleaning and organization of their work area, interaction with other students, and vocational employability skills grading rubric. Manipulative skills assessments and written evaluations.

**Performance Notes:**

**Vocational Frameworks References (2012)**

- 2.A.01.05 Identify and apply OSHA safety regulations.
- 2.B.04 Understand detail views and schedules.
- 2.E.01.01 Demonstrate use and maintenance of layout, marking and measuring tools.
- 2.I.02.02 Install wall board products..

**English/Strand 3 Frameworks References:**

- 3.A.09c Read technical manuals, guides, resource books and technical literature to gain information and solve problems.
- 3.A.03c Identify and use knowledge of common graphic features(charts, maps, diagrams).

**Frameworks References: Math**

- 3.B.07c Demonstrate the ability to visualize solid objects.

**Common Core References:**

- Read and listen critically for information understanding and enjoyment
- Set goals and achieve them by organizing time, workspace, and resources effectively
- Work both independently and in groups

**SCANS references:**

**Foundation Skills:**

1. Basic skills— reading, writing, mathematics, speaking, and listening.
2. Thinking Skills-- thinking creatively, making decisions, solving problems, visualizing, knowing how to learn, and reasoning
3. Personal qualities--individual responsibility, self-esteem, sociability, self management, and integrity

**Workplace Competencies**

1. Resources--allocating time, money, material, space, and staff.
2. Interpersonal skills--working in teams, teaching others, serving customers, leading negotiating, and working well with culturally diverse populations.
3. Information--acquiring and evaluating data, organizing and maintaining files, interpreting & communicating, and using computer to process information
4. Systems--understanding social, organizational, and technological systems, monitoring and correcting performance, and designing or improving systems.
5. Technology--selecting equipment and tools, applying technology to specific tasks, and maintaining and troubleshooting technologies.