

### Lesson #12: How to use a Speed Square and Sliding T-Bevel

#### Objectives

Students will be able to...

- Learn how to use a speed square tool.
- Learn how to use a sliding t-bevel tool.

#### Common Core Standards

Cabinetmaking and Wood Products Pathway

A1.4, A1.7, A2.1, A2.2, A3.1, A2.3, A6.1, A6.2 A3.4, A6.7, A4.1, A5.1, A5.2, & A5.4

Residential and Commercial Pathway

D2.1, D2.2, D3.1, D3.3, & D4.1

Reading 11-12.4

Writing 11-12.1

RIST 11-12.2

Problem Solving/Critical Thinking 5.4

Health and Safety 6.2, 6.3, 6.6, & 6.12

Responsibility and Leadership 7.4 & 9.3

Demonstration and Application 11.1

Technical Knowledge and Skills 10.1, 10.2, & 10.3

#### Materials

Speed Square (1 for each student)

YouTube video <https://www.youtube.com/watch?v=G2EieDGWoSA>

Sliding T-bevel (1 for each student)

YouTube video [https://www.youtube.com/watch?v=\\_Q8QhDAjJgg](https://www.youtube.com/watch?v=_Q8QhDAjJgg)

#### Lesson Sequence

- Introduce a Speed Square. Ask students if they remember what they may use a speed square for and how it may be used. Demonstrate how to use a speed square. (5 minutes)
- Watch the *YouTube video* <https://www.youtube.com/watch?v=G2EieDGWoSA>  
Answer any questions students may have (5-10 minutes)

- Pass out *Speed Squares* and have students practice using a speed square. (5-10 minutes)
- Introduce a *sliding T-bevel*. Ask students if they remember what they may use a T-bevel for and how it may be used. Demonstrate how to use a T-bevel (5 minutes)
- Watch the *YouTube video* <https://www.youtube.com/watch?v=Q8QhDAjJgg>  
Answer any questions students may have (5-10 minutes)
- Pass out *Sliding T-bevel* and have students practice using a T-bevel. (5-10 minutes)

### Assessment

While students are practicing how to use a speed square and sliding T-bevel roam around the room and observe students who may need more support.

### Accommodations/Modifications

One on One Support  
Check for Understanding  
Pair Up with Partners  
Visuals to Support How to Use Tools If Needed