

Name: _____
Date: _____
Student #: _____

Topic: Materials Testing

Score:

	7	8	9	10
--	---	---	---	----

High Ridge Middle School

TECH. NOTE

Industrial Technology



What (Objective):

- 1- Test 4 different Fasteners for holding strength.
- 2- Test 2 different types of wood for holding strength.

Safety Instructions:

- 1- Safety classes are required.
- 2- Do NOT max out the jack or the gage on the jack.

Example

Must Know Information:

- 1- Fasteners are designed for different purposes.
- 2- Materials have different strength.
- 3- When manufacturing or constructing something you need to consider your goal before choosing your materials.

Procedures:

- 1- Collect the equipment and your material from Mr. Robinson.
- 2- Draw and "X" on the block by connecting their corners.
- 3- Drive the two nails, a common and a cement coat, into the two block's centers.
- 4- Use the "Material Tester" to pull them.
- 5- Which was stronger? _____
- 6- Put the 2 screws in the holes left by the nails. Now pull them.
- 7- Which was stronger? _____
- 8- Using the Material tester break the two sample boards.
- 9- Which was stronger? _____
- 10- Answer the question on the back of this TLC Note.
- 11- Get your grade.

--- TECHNOLOGY ASSIGNMENT EVALUATION ---
Sketch Pad



--

1- What? _____

2- So What did you Learn? _____

3- So What are 3 Careers Related to this Area? _____

4- Now what can you do with what your have learned? _____

