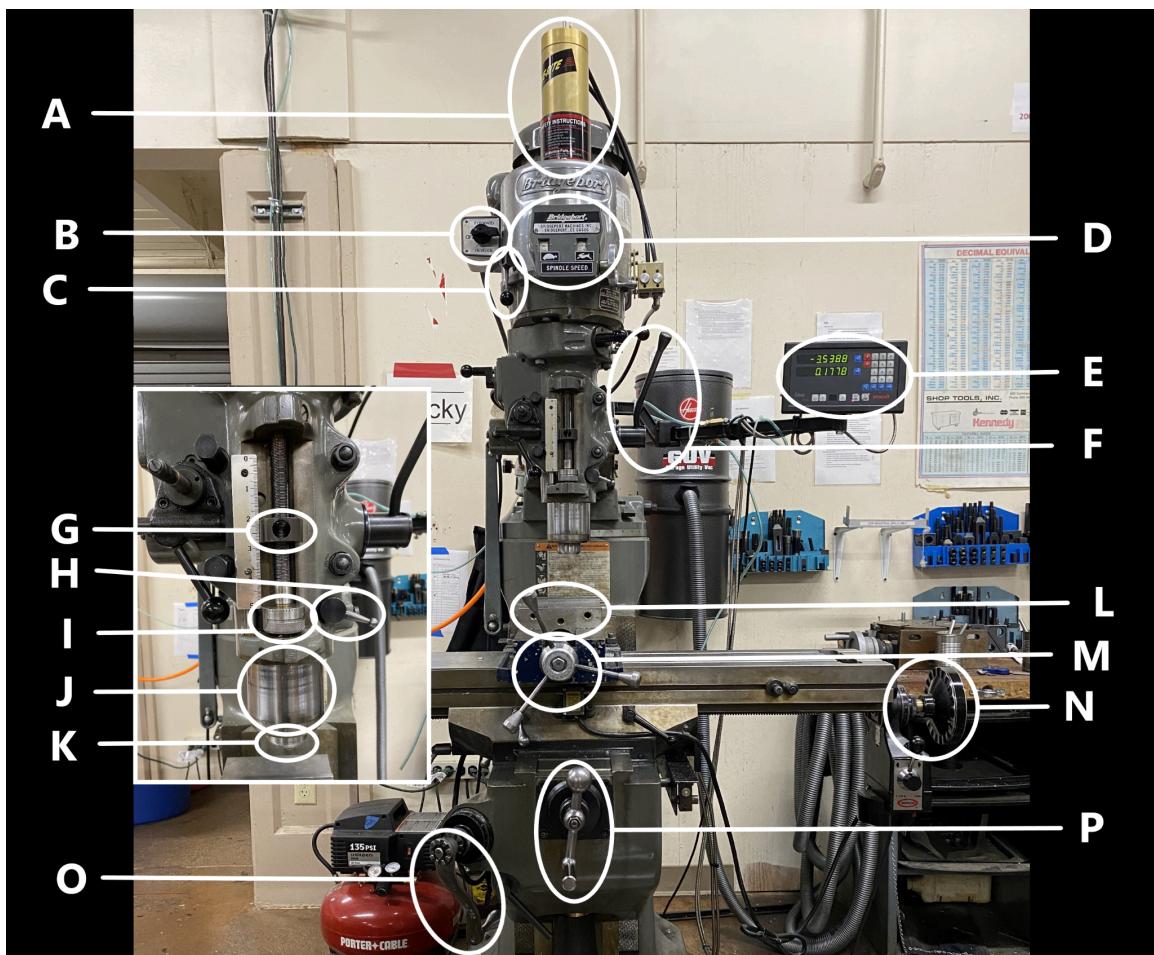


Who is this year's Mill Lead? _____

Identify the mill parts name and function using the diagram below:



- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____
- I. _____
- J. _____
- K. _____
- L. _____
- M. _____
- N. _____
- O. _____
- P. _____

Describe the function of each tool below:

Collet: _____

Parallels: _____

End Mill: _____

Edge Finder: _____

Drill Chuck: _____

Drill Bits: _____

Center Drill: _____

Tap Guide: _____

Tap Handle: _____

Tap: _____

Describe the drill bit types and what each is used for:

Regular: _____

Silver and Deming: _____

Record the spindle speeds corresponding with each operation below:

Facing: _____

Edge Finding: _____

Center Drilling: _____

Drilling: _____

Describe the following procedures:

Inserting tools into the mill:

1. _____
2. _____
3. _____
4. _____
5. _____

Removing tools from the mill:

1. _____
2. _____
3. _____
4. _____
5. _____

Stopping the mill:

1. _____
2. _____

Workholding:

1. _____
2. _____
3. _____

Speed change (for Rocky):

1. _____
2. _____
3. _____

Clean up:

1. _____
2. _____
3. _____

Describe the following operations:

Facing:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Edge Finding:

1. _____
2. _____
3. _____
4. _____
5. _____

Drilling:

1. _____
2. _____
3. _____
4. _____

Tapping (Through Hole):

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Describe Climb and Conventional milling and what each is used for:

Conventional: _____

Climb: _____

Describe the process of facing stock to a specific length:

1. _____
2. _____
3. _____
4. _____