

**STUDY GUIDE  
DISK SANDER SAFETY**

NAME: \_\_\_\_\_

CLASS OR PERIOD: \_\_\_\_\_

DATE OF INSTRUCTION: \_\_\_\_\_

1. Check the abrasive on the sander to make sure it isn't too coarse or too fine for the work you want to do.
2. The sanding disk must be in good condition. Don't use the sander if the disk is loose, torn, burned or clogged.
3. Check the clearance between the disk and the table. The table should be set as close as possible without touching the disk at any point.
4. When you use a guide be sure the guide remains completely clear of the disk.
5. As always, wear eye protection. Goggles are preferred when sanding.
6. Loose clothing can get caught between the revolving disk and the table. Keep clothes tucked in and shirt sleeves rolled up neatly.
7. If your hair is long, tie it back or wear a cap over it.
8. Never stand at the sides of the sander when it is running. Don't let anyone else stand there, either. If the abrasive disk should come off or fly apart, it will be thrown toward the edges, toward the sides of the sander.
9. Keep the material flat against the table. Don't try to sand free-handed. Use the table as a support.
10. Most disks turn in a clockwise direction. Use *only* the right side or the side that is moving downward past the table.
11. Make sure the material is large enough to be held safely. Don't sand small pieces of stock on the disk sander.
12. The material must be clean and dry. Avoid sanding wood that is green or gummy. Avoid sanding softwood with resins in it.
13. Keep the stock moving back and forth across the downward side of the disk. Holding it in one place will cause it to over-heat and burn.
14. Never leave a sander while it is still running or coasting. If you need to, you can stop the coasting by sanding a piece of scrap.
15. The sander doesn't look like a cutting tool, but that's exactly what it is. Think of it as a cutting tool and keep your fingers, hands and arms away from the revolving disk.

## TEST DISK SANDER SAFETY

NAME: \_\_\_\_\_

CLASS OR PERIOD: \_\_\_\_\_

DATE: \_\_\_\_\_ SCORE: \_\_\_\_\_

### ALWAYS WEAR EYE PROTECTION

1. Check the \_\_\_\_\_ on the sander.  
Make sure it's the right grit for what you want to do.
2. Don't use the sander if the disk is loose, burned or \_\_\_\_\_ in any way.
3. The table should be set \_\_\_\_\_ to the disk without touching it.
4. When you use a guide, make sure it stays completely \_\_\_\_\_ of the disk.
5. \_\_\_\_\_ wear eye protection.
6. Shirt sleeves should be \_\_\_\_\_ and loose clothes should be tucked in.
7. Long hair must be \_\_\_\_\_ or worn under a cap.
8. Never stand at the \_\_\_\_\_ of the sander, and make sure no one else stands there while it's running.
9. Never sand free-handed. Use the \_\_\_\_\_ to support the material.
10. Only one side of the disk should be used: the side that is moving \_\_\_\_\_ toward the table.
11. The material must be \_\_\_\_\_ enough to be held safely
12. Check the condition of the material. It must be \_\_\_\_\_ and dry.

### COMPLETE EACH STATEMENT WITH THE CORRECT LETTER OR WORDS IN THIS COLUMN

- A. TIED BACK
- B. CLEAN
- C. CUTTING TOOL
- D. ABRASIVE
- E. CLEAR
- F. RUNNING
- G. LARGE
- H. DAMAGED
- I. ALWAYS
- J. OVER-HEATING
- K. CLOSE
- L. TABLE
- M. ROLLED UP
- N. SIDES
- O. DOWNWARD



**TEST**  
**DISK SANDER SAFETY**  
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NAME: \_\_\_\_\_

CLASS OR PERIOD: \_\_\_\_\_

13. Move the material back and forth to prevent  
\_\_\_\_\_.

14. Don't leave the sander while it is  
\_\_\_\_\_ or coasting.

15. Keep your hands and arms away from the moving disk. The  
sander is a \_\_\_\_\_.

**GET PERMISSION**

- A. TIED BACK
- B. CLEAN
- C. CUTTING TOOL
- D. ABRASIVE
- E. CLEAR
- F. RUNNING
- G. LARGE
- H. DAMAGED
- I. ALWAYS
- J. OVER-HEATING
- K. CLOSE
- L. TABLE
- M. ROLLED UP
- N. SIDES
- O. DOWNWARD