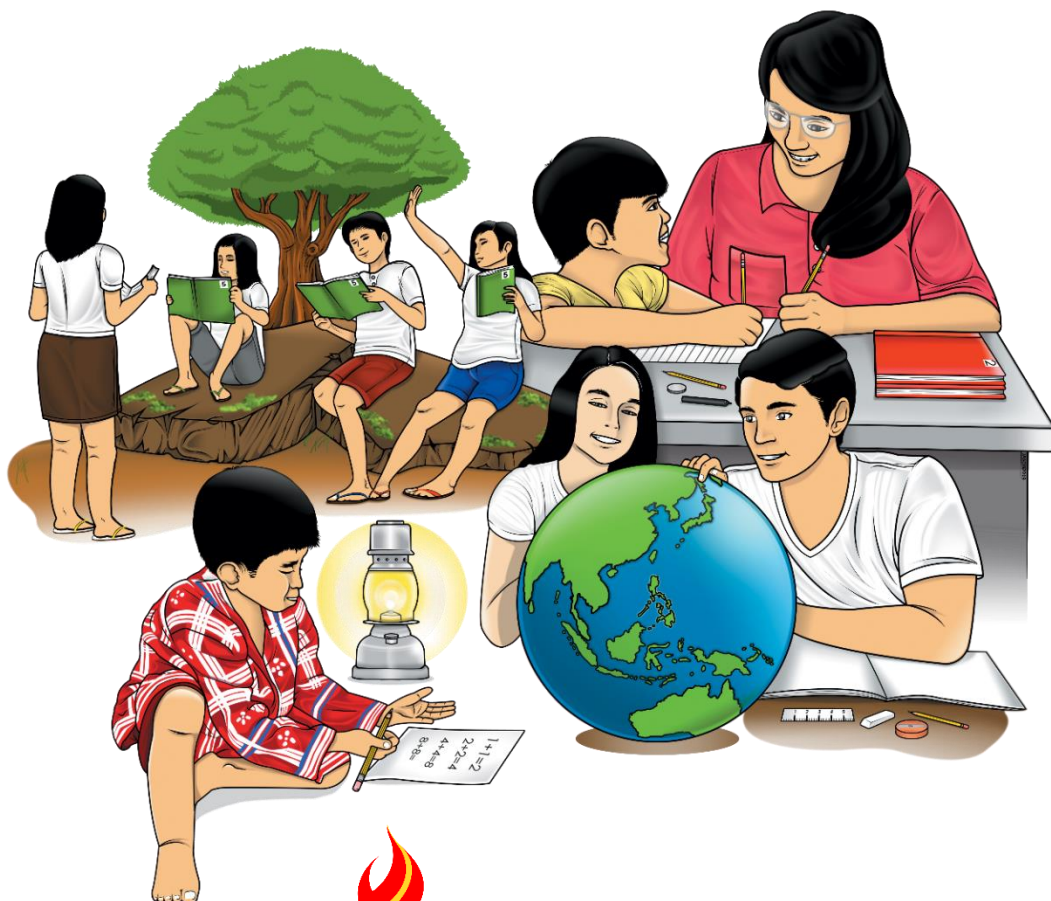


## Technology and Livelihood Education

# Home Economics

# Module 4: Identifying and Classifying Sewing Tools and Materials



**TLE (HE) – Grade 6**  
**Alternative Delivery Mode**  
**Module 4: Classification of Sewing Tools and Materials**  
**First Edition, 2020**

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**Development Team of the Module**

**Writers:** Juvy G. Embucado, Josephine A. Parce, Armelyn T. Agustin

**Editors:** Gorgonio A. Batilaran Jr., Edgar A. Alovera, Eva B. Fabraquel

**Reviewers:** Marvic S. Martirez, Jocelyn D. Sunsona

**Illustrators:** Jazzie D. Albaladejo, Alfa D. Robia, Armelyn T. Agustin

**Layout Artist:** Jackielyn S. Cabangal, Lourdes Eleanor M. Miranda

Dean Pierre H. Besana, Williamson B. Enoc

**Management Team:** Ramir B. Uytico

Pedro T. Escobarte

Elena P. Gonzaga

Donald T. Genine

Celestino S. Dalumpines IV

Marvic S. Martirez

Jocelyn D. Sunsona

Joan C. Adoyogan

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**Department of Education – Region 6**

Office Address: Duran Street, Iloilo City, 5000

Telefax: (033) 509-7653; (033) 336-2816

E-mail Address: region6@deped.gov.ph

**Technology and Livelihood Education**

# **Home Economics**

## **Module 4: Identifying and Classifying Sewing Tools and Materials**

## **Introductory Message**

This Self-Learning Module (SLM) is prepared so that you, our dear learners, can continue your studies and learn while at home. Activities, questions, directions, exercises, and discussions are carefully stated for you to understand each lesson.

Each SLM is composed of different parts. Each part shall guide you step-by-step as you discover and understand the lesson prepared for you.

Pre-tests are provided to measure your prior knowledge on lessons in each SLM. This will tell you if you need to proceed on completing this module or if you need to ask your facilitator or your teacher's assistance for better understanding of the lesson. At the end of each module, you need to answer the post-test to self-check your learning. Answer keys are provided for each activity and test. We trust that you will be honest in using these.

In addition to the material in the main text, notes to the Teacher are also provided to our facilitators and parents for strategies and reminders on how they can best help you on your home-based learning.

Please use this module with care. Do not put unnecessary marks on any part of this SLM. Use a separate sheet of paper in answering the exercises and tests. And read the instructions carefully before performing each task.

If you have any questions in using this SLM or any difficulty in answering the tasks in this module, do not hesitate to consult your teacher or facilitator.

Thank you.



## ***What I Need to Know***

Sewing requires great skill. Having the right tools and materials to use enhances one's expertise. Sewing without the right tools and materials is like trying to cook without the right ingredients.

This module is designed and written to identify and classify sewing tools and materials.



## ***What I Know***

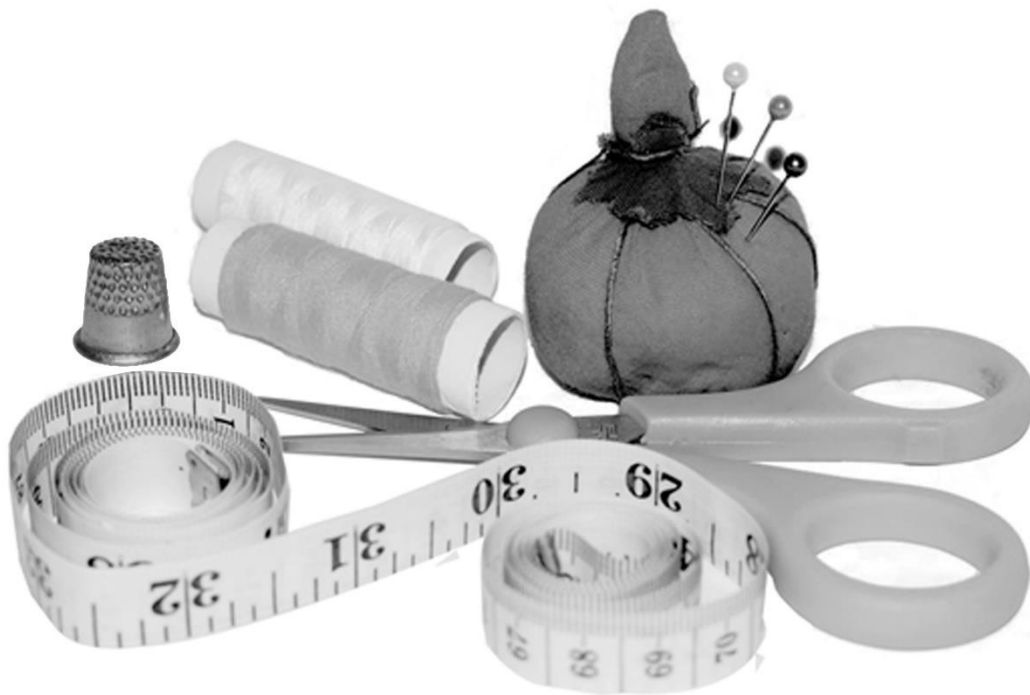
Choose the letter of the best answer. Write the chosen letter on a separate sheet of paper.

1. Which of the following tools is used in taking body measurements?
  - A. ruler
  - B. scissors
  - C. tape measure
  - D. thimble
2. What kind of tool is used for sewing?
  - A. tape measure
  - B. needle
  - C. ruler
  - D. tailor chalk
3. Which of the following tools is used to finish seams and raw edges and to create decorative edges on many types of fabric?
  - A. thimble
  - B. needle
  - C. embroidery scissors
  - D. pinking shears
4. Which tool is meant to keep the fabric in place while cutting or sewing?
  - A. pins
  - B. thread
  - C. ruler
  - D. thimble

5. Which sewing tool is a small hard pitted cup worn for protection on the finger that pushes the needle in sewing.
  - A. scissors
  - B. teeth
  - C. ruler
  - D. thimble
6. Which serves as a utility box and where sewing tools like pins, thread, thimble can be kept?
  - A. sewing box
  - B. box of pins
  - C. fabric box
  - D. ruler
7. Which is specifically designed for ripping out stitches from seams, either because of an error or during alteration?
  - A. scissors
  - B. teeth
  - C. seam ripper
  - D. thread
8. Which holds the straight pins and needles while working to prevent accidents?
  - A. seam ripper
  - B. pin cushion
  - C. sewing box
  - D. box
9. Which is used for thrusting needles and pins, and sharpens the needles and removes rust?
  - A. emery bag
  - B. pin cushion
  - C. sewing box
  - D. box
10. Which of the following is a useful tool for measuring and drawing straight seam lines and cutting lines?
  - A. ruler
  - B. pins
  - C. fabric
  - D. pin cushion

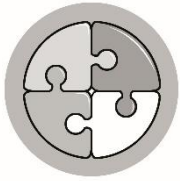
## **Lesson 1**

# **Identifying and Classifying Sewing Tools and Materials**



Sewing materials and different tools are used in garment construction. The skillful use of the different sewing tools and materials will help take body measurement and drafting pattern with accuracy and speed.

Success in sewing calls for the right tools at the right time. All tools must be used appropriately and must be kept properly. One must know how to use them to save time and produce the best result. A complete set of sewing tools and materials are presented to the learners for them to be familiar with and use them properly.



## ***What's In***

Identify the pictures of sewing tools and materials below. Write your answer on a separate sheet of paper.







## ***What's New***

Have you tried sewing your clothes? What were some of the tools and materials you used? List down these tools and materials under the following classification: **Measuring, Cutting, or Sewing**. Write your answer on a separate sheet of paper.

| Measuring | Cutting | Sewing |
|-----------|---------|--------|
|           |         |        |



## ***What is It***

Sewing tools and materials are instruments that aid in accomplishing a sewing task. It can be manipulated by hands. Tools and materials can be classified as measuring, cutting and sewing.

### **MEASURING TOOLS**

Sewing measuring tools are essential for pattern alterations and body measurements. To ensure a good garment fit, measurements should be taken accurately. There are some measuring tools that should be part of every sewing box.

#### **Tape Measure**

A good, flexible tape measure of at least 60 inches or 150 centimeters on the other side is needed to take body measurements throughout the garment construction process. Although the tape measure should be flexible, it should be stretchy. It is used not only to measure garments, but to measure creations for home decor projects as well. This tool is also used for pattern adjustments.



#### **Ruler**

A ruler measuring 12 inches or even 18 inches, either clear or solid, is a useful tool for measuring and drawing straight seam lines and cutting lines. It also aids in connecting lines. Clear plastic ruler is used for quilting and pattern creation and alteration. It is also used for marking buttonholes.



## **Yardstick**

A yardstick is made of smooth, shellacked hardwood or metal. It is used for marking hemlines and checking grainlines when laying out the pattern.



## **Sewing Gauge**

This small ruler has a sliding guide and is about 6 inches long. This is used for measuring the hemlines, button holes and areas where other small measurements require checking such as pleats and tucks. This gauge is usually made of metal.



## **CUTTING TOOLS**

Sewing cutting tools are very important in completing the sewing project. These tools should be of the best quality. Quality cutting tools are made of high- grade stainless steel.

## **Pinking Shears**

Pinking shears are popular in zigzagged or scalloped edge or for seam finishes. These are used to finish seams and raw edges and to create decorative edges on many types of fabric. They cut a ravel-resistant edge and are not suitable for straight cutting.



### **Trimming Scissors**

Trimming scissors are measured 3-4 inches long. They are used for trimmings, clipping threads, and snipping slashes.



### **Embroidery Scissors**

Embroidery scissors have 4-5 inches finely tapered blades. Both points are sharp and are used in working with fine details in delicate fabrics and embroidery work.



## **SEWING TOOLS AND MATERIALS**

Sewing tools and materials are essential in accomplishing a garment project. The following are the common tools and materials used for sewing.

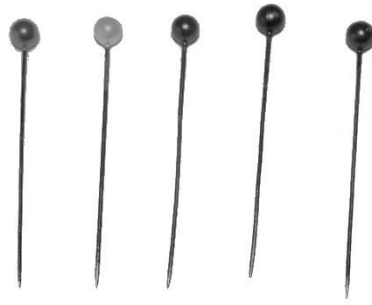
### **Hand Needles**

Hand needles are used in making temporary stitches and buttonholes. Sizes of 7 to 10 are for general hand sewing.



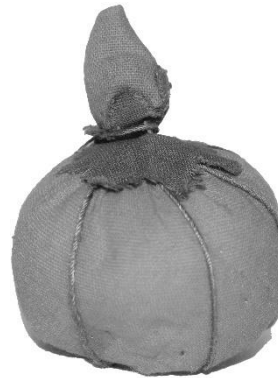
### **Pins**

Pins are meant to keep the fabric in place while cutting or sewing.



### **Pin Cushion**

Pin cushion holds the straight pins and needles while working to prevent accidents.



### **Thimble**

Thimble is a small hard pitted cup worn for protection on the finger that pushes the needle while sewing.



### **Needle Threader**

Needle threader is useful for threading any kind of needle. It is put in the eye of the needle, then thread it and pull it back so, it threads your needle.



### **Emery Bag**

Emery bag is used for thrusting needles and pins. It sharpens the needles and removes rust.



### **Threads**

Threads are used in assembling or constructing the parts of the garment. Threads vary in sizes and in colors. Heavy fabrics need stronger threads.



### **Fabric**

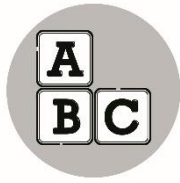
A fabric is the cloth used in making garments. The plain cotton fabrics, flour sack or “*katsa*” is the most appropriate material for beginners because it is easy to handle.



### **Sewing Box/Kit**

Sewing box/kit serves as utility box. Sewing tools like pins, thread, thimble, buttons and others are kept in this box.





## What's More

### Activity 1

Read the given situation below. Write your answer on a separate sheet of paper.

**Situation:**

Martha and her friends were assigned by their teacher to identify the sewing tools and materials and put it in the sewing kit/box. Help them classify the following tools listed below.

|            |            |                   |             |
|------------|------------|-------------------|-------------|
| ruler      | emery bag  | thimble           | thread      |
| needle     | yardstick  | tape measure      | pin         |
| embroidery | scissors   | pinking shears    | pin cushion |
| needle     | sewing box | trimming scissors | fabric      |

MEASURING

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CUTTING

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SEWING

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## Activity 2

- A. Read each statement. Write **TRUE** if the sentence tells the correct uses of sewing tools and materials and **FALSE** if not. Write your answer on a separate sheet of paper.

- \_\_\_\_\_ 1. Pin cushion is useful for threading any kind of needle.
- \_\_\_\_\_ 2. Hand needle is a small hand pitted cup worn for protection on the finger that pushes the needle in sewing.
- \_\_\_\_\_ 3. Pinking shears are popular zigzagged or scalloped edge or for seam finishes.
- \_\_\_\_\_ 4. Sewing box / kit serves as utility box that sewing tools like pins, thread, thimble and other can be kept in this box.
- \_\_\_\_\_ 5. Yardstick is made of smooth, shellacked hardwood or metal.

The words in Column A are tools and materials in sewing. Match it with the sentence in Column B which tells its uses. Write only the letter of the correct answer on a separate sheet of paper.

### A

1. Thread
2. Tape Measure
3. Hand Needle
4. Emery Bag
5. Pins






### B

- A. It is used in taking body measurement. The front has measurement of 150cm and 60 inches on the other side.
- B. It is used for thrusting needles and pins.
- C. It is used in assembling or constructing parts of the garment.
- D. It is used to keep the fabric in place while cutting or sewing.
- E. It is used in making temporary stitches and buttonholes.



### Activity 3

Study each picture on the table. Tell the uses of each sewing tools and materials. Write your answer on a separate sheet of paper.

| Sewing Tools and Materials  | Uses |
|---|------|
|    |      |
|   |      |
|  |      |
|  |      |
|  |      |



## ***What I Have Learned***

Complete the thought of the sentence below.

Sewing tools and materials can be classified as \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.



## ***Assessment***

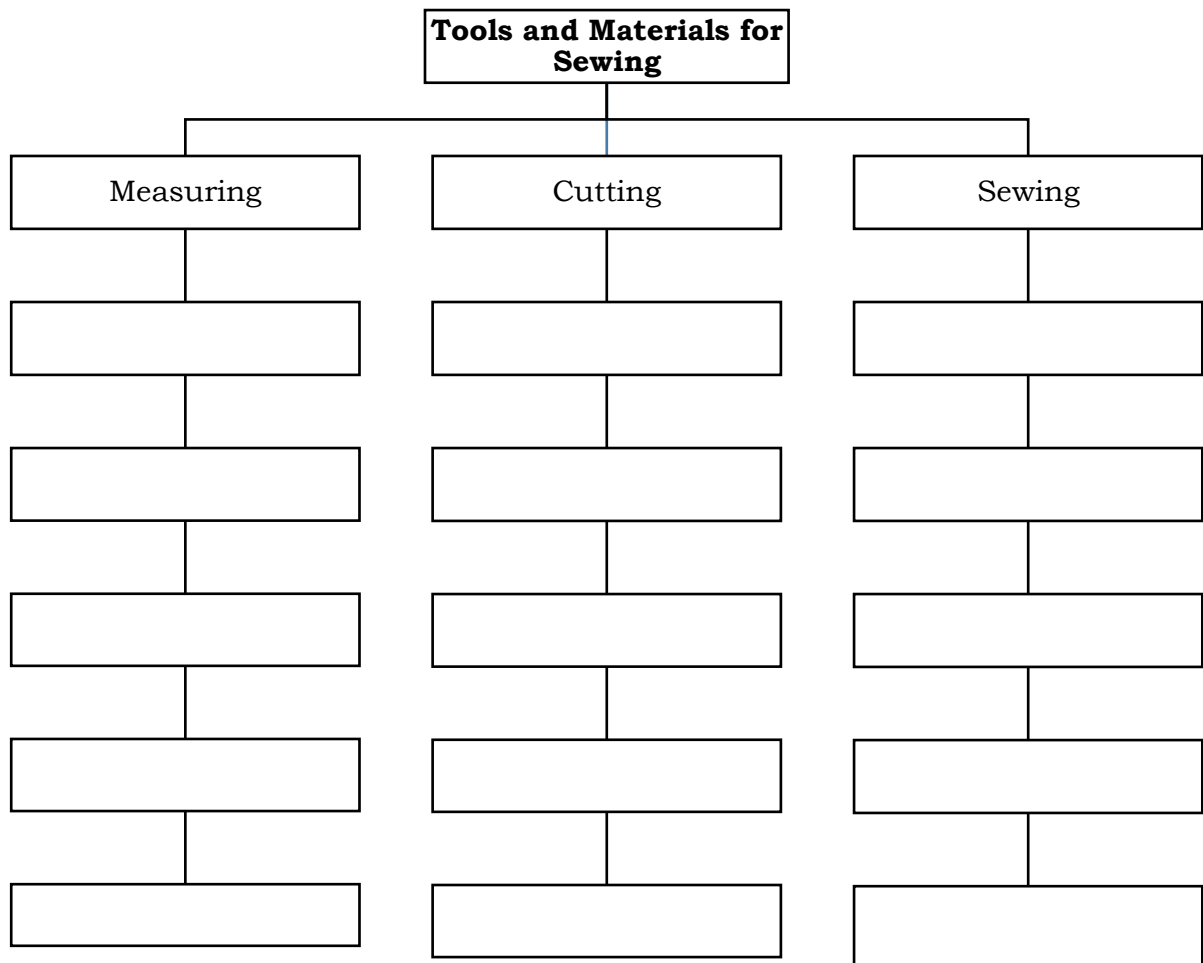
I. Choose the letter of the best answer. Write the chosen letter on a separate sheet of paper.

1. It is a measuring tool used to measure length, width and thickness of short flat object and in sketching straight lines.
  - A. ruler
  - B. pins
  - C. fabric
  - D. pin cushion
2. It is used for thrusting needles and pins. It sharpens the needles and removes rust.
  - A. emery bag
  - B. pin cushion
  - C. sewing box
  - D. box
3. It is a cotton stuffed cloth cut and sewn in different shapes and keep the pins in place.
  - A. ripper
  - B. pin cushion
  - C. sewing box
  - D. fabric
4. It is used to transfer measurement in the draft pattern.
  - A. scissors
  - B. fabric
  - C. L-square
  - D. Thread

5. It is a hard chalk used in tailoring and dressmaking for marking fabric.
  - A. tailor's chalk
  - B. pins
  - C. fabric
  - D. ruler
6. The sewing tool that goes on your middle finger tip to protect while you push your needle.
  - A. scissors
  - B. teeth
  - C. ruler
  - D. thimble
7. It keeps the fabric in place while cutting or sewing.
  - A. pin
  - B. thread
  - C. ruler
  - D. thimble
8. They are used to cut the fabric and thread.
  - A. thimble
  - B. needle
  - C. tape measure
  - D. scissors
9. A tool which is used for sewing.
  - A. tape measure
  - B. needle
  - C. ruler
  - D. tailor' chalk
10. It is used to take measurement, mostly on curvy lines.
  - A. ruler
  - B. scissors
  - C. tape measure
  - D. thimble

II. Study the following tools and materials. Complete the graphic organizer by classifying them according to their uses. Write your answer on a separate sheet of paper.

|             |                   |                     |        |
|-------------|-------------------|---------------------|--------|
| fabric      | ruler             | thimble             | needle |
| emery bag   | needle            | tape measure        | pins   |
| yardstick   | trimming scissors | pinking shears      | thread |
| pin cushion | sewing box        | embroidery scissors |        |



## ***Additional Activities***

Look for tools and materials available in your home. Classify those tools and materials according to their uses. Put all these tools and materials in different boxes and label the box.



## Answer Key

|   |  |   |
|---|--|---|
| <p><b>Assessment</b></p> <p>1. A<br/>2. A<br/>3. B<br/>4. C<br/>5. A<br/>6. D<br/>7. A<br/>8. D<br/>9. B<br/>10. C</p> <p>Measuring<br/>Ruler, tape measure, yard stick, sewing gauge (accept other answers)</p> <p>Cutting<br/>embroidery scissors, trimming scissors, Pinking shears</p> <p>Sewing<br/>thimble, needle, thread, pin, needle threader, pin cushion<br/>emery bag, fabric, sewing box</p> | <p><b>What's More</b></p> <p>Activity 1.1<br/>Measuring<br/>Ruler, tape measure, yard stick, sewing gauge (accept other answers)</p> <p>Cutting<br/>embroidery scissors, trimming scissors, pinking shears</p> <p>Sewing<br/>thimble, needle, thread, pin, needle threader, pin cushion<br/>emery bag, fabric, sewing box</p> <p>Activity 2.1 (A.)<br/>1. False<br/>2. False<br/>3. True<br/>4. True<br/>5. True</p> <p>Activity 2.1 (B)<br/>1. C<br/>2. A<br/>3. E<br/>4. B<br/>5. D</p> <p>Activity 3.1<br/>1. Sewing box- It is used to keep the fabric in place while cutting or sewing.<br/>2. Threads are used in assembling or constructing the parts of the garment. Threads vary in sizes and in colors.<br/>3. Tape measure is needed to take body measurements throughout the garment construction process.<br/>4. Embroidery scissors is used in working with fine details in delicate fabrics and embroidery work.<br/>5. Pin cushion holds the straight pins and needles while working to prevent accidents.</p> | <p><b>What I Know</b></p> <p>1. C<br/>2. B<br/>3. D<br/>4. A<br/>5. D<br/>6. A<br/>7. C<br/>8. B<br/>9. A<br/>10. A</p> |
|---|--|---|

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**For inquiries or feedback, please write or call:**

Department of Education - Bureau of Learning Resources (DepEd-BLR)

Ground Floor, Bonifacio Bldg., DepEd Complex  
Meralco Avenue, Pasig City, Philippines 1600

Telefax: (632) 8634-1072; 8634-1054; 8631-4985

Email Address: [blr.lrqad@deped.gov.ph](mailto:blr.lrqad@deped.gov.ph) \* [blr.lrpdpd@deped.gov.ph](mailto:blr.lrpdpd@deped.gov.ph)