

HEAT BAG

DESIGN BRIEF During the construction of your HEAT BAG you will :-

- Make decisions about the fabric and shape of your product.
- Research and use equipment safely
- Sew and cut accurately.

On a piece of A4 paper design the shape of your HEAT BAG.

CONSIDERATIONS

- It must be a simple shape with no sharp angles.
- It may take several attempts until you find one you are really happy with.

FABRIC

- A. You need to like it and it should suit the shape of your HEAT BAG
- B. Choose firmly woven fabric with no rubber backing

METHOD

1. Cut out your pattern and mark an **8 cm OPENING** along a straight edge.
2. Place your fabric with the **RIGHT** sides facing and **GRAINLINE** matching
3. Pin your pattern on securely with pins at right angles and away from the edge.
4. Starting at the opening straight stitch around the paper pattern. **TWICE**

LEARN ABOUT GRAINLINE

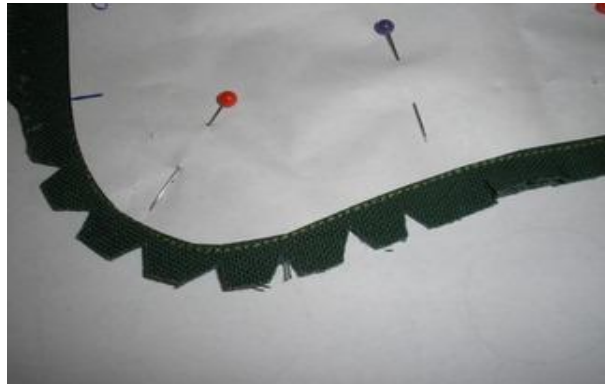
1. **Collect and read the notes "WOVEN FABRIC".**
2. **Look at a length of fabric to identify SELVAGE, BIAS, LENGTH GRAIN (warp) AND CROSS GRAIN (weft)**
3. **CHECK TEACHER FOR A QUESTION. and place work in your folder.**



HEAT BAG

5. Trim seam allowance to 1 cm and **CLIP** and **SNIP** the edges to allow them to sit flat when turned through. TAKE CARE NOT TO CUT STITCHING

6. **CLIP AND SNIP**
Ask your teacher to show you the safe way to do this.



Turn in the right way and 2/3 fill with wheat or rice.

7. Slip stitch the opening securely.

8. **MATHS** Formula - A 600g heat bag takes 120seconds in a 900w microwave.

(this is 2 seconds per gram)

Weigh your heat bag and using this formula, calculate how long it will take to heat your heat bag safely. **WARNING** If overheated it could ignite

9. What information should be included on a product label?

10. Produce your own label detailing it safe use.

SELF EVALUATION A B C D E

The reasons why I gave myself an _____ for my effort and results are-

NAME _____

TEACHER _____

