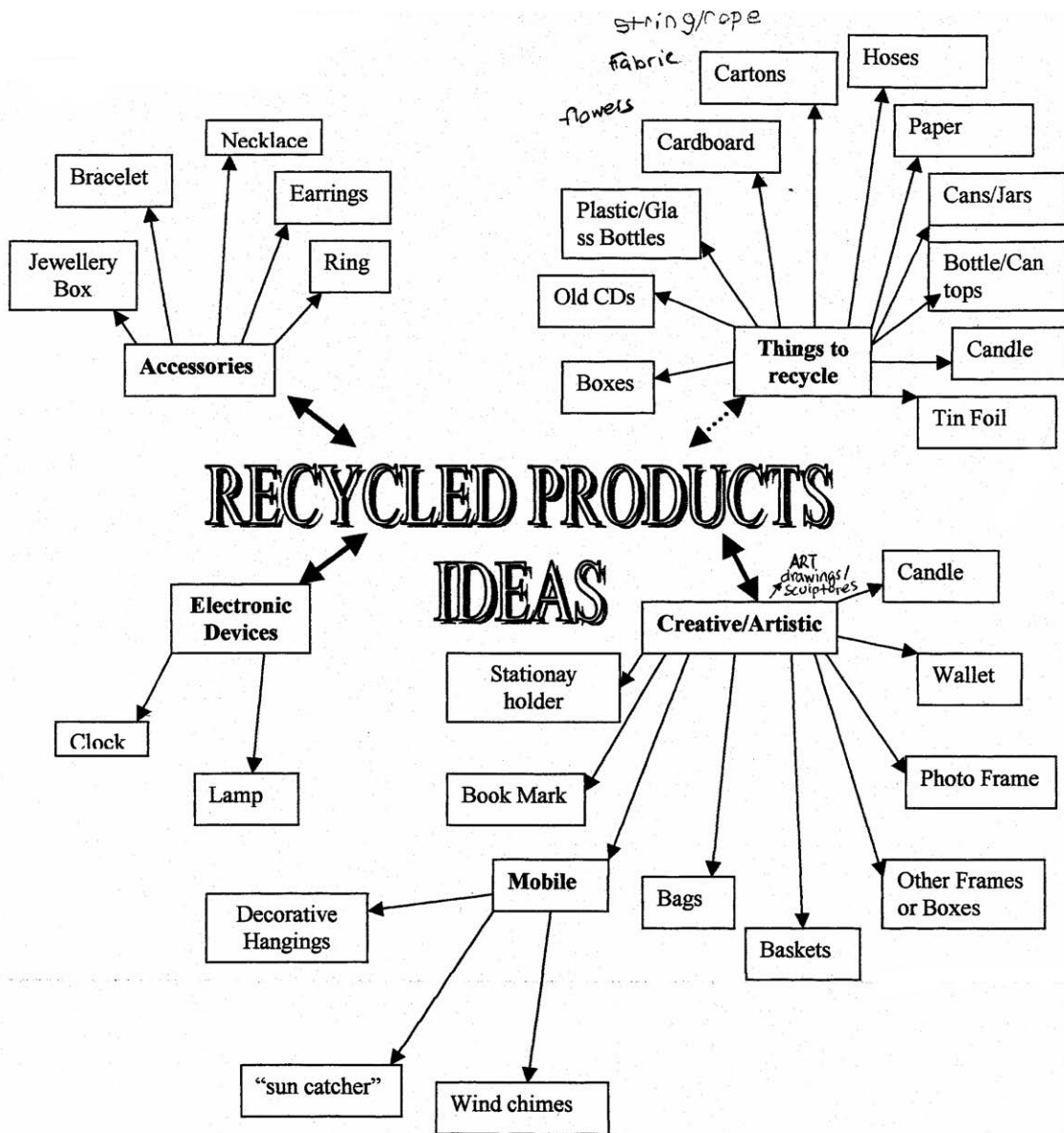


**Criterion A: investigate**



Brainstorm of Recycle Products

For copyright reasons, the pictures of the researched products cannot be reproduced.

The student also included some research on recycling and reusing programmes around the world, on making frames, and on papier maché. For copyright reasons, these articles cannot be reproduced.

**Product:** Recycled Paper beads accessories

**Country of Origin:** None

**Colour:** Any of our choice

**Material:** recycled paper (magazine preferably), thread

**Pros:** Very creative

Easy to make/not time consuming

Light and comfortable

**Cons:** Not very durable if not made carefully

Quite delicate

**Source:** [www.dnr.state.wi.us/.../eek/cool/ameliaBeads.htm](http://www.dnr.state.wi.us/.../eek/cool/ameliaBeads.htm)

**Product:** Bicycle Chain Photo Frame

**Country of Origin:** Portland

**Material:** bicycle chain, easel back stand

**Size:** 4" x 6" or 5" x 7"

**Colour:** Grey

**Pros:** Creative use of chain

Durable

Eye catching

**Cons:** Quite simple

Tends to look dull due to the colour of the chains

Will need a lot of care to make

**Source:** [www.resourcerevival.com/computer-part-gifts.htm](http://www.resourcerevival.com/computer-part-gifts.htm)

**Product:** Bicycle chain Clock

**Country of Origin:** China

**Material:** Bicycle chain rings, cogs and automotive tire rubber.

**Colour:** Black

**Pros:** Creative

Durable

Eye catching

**Cons:** Very Dangerous (sharp edges)

A little dull due to colour

Not very easy to make

**Size:** 4" x 6" or 5" x 7"

**Source:** [www.resourcerevival.com/computer-part-gifts.htm](http://www.resourcerevival.com/computer-part-gifts.htm)

**~ PROBLEM, NEED AND DESIGN BRIEF ~**

**PROBLEM:**

My parents have some different type of artistic crafts at home, which they are afraid may lose their colour or wear away after a while.

**NEED:**

I need to make a product out the recycled material I have at home in which I can display **and protect** the crafts.

**DESIGN BRIEF:**

I will make a photo frame out of recycled material to the size of one of the best crafts my parents own, which needs framing.

**SPECIFICATION** (DRAFT)

- It must be made out of recycled material
- It must be attractive
- It must be approximately 440mm-450mm long and wide
- It must be easy and convenient to use
- It must be durable
- It must fulfil the purpose
- It must fulfil my need and solve my problem
- It must be useful

It must be easy to make so that it can be handed in on the due date

### **~ SPECIFICATION ~**

**Time:** It should be finished by the due date i.e. 30<sup>th</sup> April. And therefore the design plan should not be too intricate or difficult.

**Safety:** The frame should have a strong support behind so that it doesn't break. It should not have very sharp or dangerous parts.

**Material:** The materials used must be the junk I have lying around at home. Also the materials used should fit the genre stated **below above**.

**Function:** The frame should be of a good size so that it is convenient to use. Parts should not be tight or loose. Moving parts should move easily.

**Used by/ market:** The market I am aiming at is any one who would like to frame any of their pieces of art work, or art related things. It will be used by my mother for framing some crafts.

**Style/Genre:** The genre of my product should have an old and antique look.

**Ergonomics/Anthropometrics:** The frame must be convenient to open and close so that things can be inserted and removed easily. It should also be of a good size so that the cushion cover fits well.

**Construction/manufacture:** The construction of my product should not involve too much technology so that I can work on it in my own time as well. It should not be too intricate so I can finish it in time.

**Reliability:** My product should be durable. Its parts should not start to wear away, or fall apart over time.

**Appearance/ decoration:** I want it to be attractive and look antique. The colours used should not contrast too much. The over all project should not look like junk so the "junk" used should blend in a good way.  
for the craft works.

**Size:** It should be roughly 50-60 cm long. The size should be close to a perfect fit.

**Aesthetics:** As mentioned previously, I want it to be attractive and creative. It should be pleasing to the eye, which is why contrast colours should not be used.

**Finish:** If necessary, it should be finished off with any material that I feel my product is lacking to make it look more attractive.