**Extracting, processing and manufacturing materials**

1. Make a cover page for this piece of work
   1. Name
   2. Class
   3. Task title
2. Write an introduction to this task
   1. Explain how you are going to make soap using two different methods (extracting it from bacon and hand-making)
   2. Explain what properties soap needs in order for it to be fit-for-purpose
3. Write up your method and observations
   1. Step-by-step method
   2. Record any observations such as what it looks like, smells, etc
4. Write a risk assessment for the practical
   1. Explain all the risks in this method
   2. Describe how you minimised any risks
5. Comment on the quality and yield of your soap
   1. Weigh the layer of soap you have made and record the weight
   2. Comment on your yield
   3. Put a drop of universal indicator on your soap and comment on the pH. Is this soap suitable for you to use?
6. Repeat numbers 3 and 4 for ‘hand-making soap’