TASK 1

Why are food products promoting health benefits and special dietary requirements on the rise? Explain giving some examples of products that fit the categories of each of these. Read Ch 10.2 p370-380. Now do Apply your understanding qu 11 p377 and exam question 2 p395 ( Make sure you are clear on the term ‘food sensitivities-this encompasses food allergies and food intolerances. Remind yourself of the differences between a food allergy and food intolerance)

* Explain the difference between probiotics and prebiotics and give an example of a food product for each, textbook reference is p359-360
* Define the terms ‘organoleptic’
* What are the 4R’s of minimising packaging waste?

TASK 2

* Watch the immersion videos on GMO foods from the resource link on the weebly
* Visit the website of FSANZ or the Better Health Channel to research information about genetically modified foods.
* Also read p382-388 of your textbook;

Now work in partners to prepare a concept map or mind map of the main issues linked to genetic modification of food including: examples of crops that have been genetically modified, perceived benefits and risks of genetic modification, food labelling requirements for GM foods, advantages and disadvantages of GM foods.

Define the term ‘ transgenic organism’ and add to your glossary and mindmap (this will provide a great resource for you exam revisions

Now do exam question 1 on p395

Resource links- FSANZ and Better Health Chanel

<http://www.foodstandards.gov.au/consumer/gmfood/Pages/default.aspx>

<http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/Genetically_modified_foods>

TASK 3 Watch each of the immersion videos on high pressure processing, microencapsulation and maembrane technology (filtration) from the weebly and refer to your textbook pages 388-393

After watching each describe each of these relatively new technological innovations in food manufacturing- High pressure processing, microencapsulation and membrane technology.   
Produce a simple table to show explanation, examples of the types of products produced using this process and the advantages and disadvantages of each (include pictures and list at least two advantages and disadvantages of each).