**Chapter Review 2.2 What are the main threats to food security?**

Food security risk factors Page 98 to 105

Water Scarcity

1. What is the definition of water scarcity?  
   water scarcity is when you do not have enough water for the people to use
2. Identify the ways in which humans use water.  
   agriculture, washing, drinking
3. Identify the most common threat to food security around the world.  
   water scarcity
4. Identify what has changed in China that has led to increased pressure on water supplies. What is the flow on (pardon the pun) from this change which has added strain on water resources?

Mekong river got blocked from desterfication and damming

1. What is predicted to be the outcome of melting glaciers on the food security of people living in affected regions?

Increasing sea levels causing some islands to submerge

Climate Change Page 98, 102 – 103

1. What is the definition of climate change?  
   long-term changes

in weather events and patterns worldwide

1. Identify the effects of climate change.  
   rising sea levels, rising ocean and land temperature
2. Identify the impacts of these effects on the environment and sustainability of agricultural production.  
   it could be more difficult to grow crops
3. Give the main cause for global warming.   
   carbon dioxide emissions
4. How are human activities worsening the problem of climate change?  
   more carbon dioxide is being emptied
5. Identify other changes happening as a result of climate change.
6. Explain the impact of climate change on food security.

Rising water levels could stop some areas growing crops because they are underwater

1. Are you concerned about climate change – why or why not?

Threats from non-native plants, animals and insects Page 104 – 105

1. Finish these sentences:  
   1. Weeds affect food security as

They compete with crops

* 1. Non-native species have been introduced

To fix problems

* 1. There has been a failure to   
     predict consequences

1. Why were cane toads introduced into Australia?   
   kill cane beetles
2. How have they caused massive destruction to the natural ecosystem, native species and food chain?

By having no predators and spreading quickly