



## Thyroid Gland Webquest

Now that you know what hormones are, where they are produced and how they are transported to the effector organs lets find out more about the thyroid gland and its hormones.

### The basics

Design an information sheet (word file) containing the following:

- labelled picture of the thyroid gland showing its location and neighbouring organs
- name of the hormones produced
- name of substances we need to take in with our food so that the thyroid gland can produce these hormones
- description of how the thyroid gland produces its hormones
- statement about the function of these hormones
- word list of new terms
- sources

- ⇒ You may copy and paste the information you find. But you will then have to rephrase it using your own words so that you will be able to remember the facts. Do not copy details you do not understand. Use an online dictionary to look up any unknown words you think are necessary for the understanding of the facts. Add a word list at the bottom of your info sheet.
- ⇒ Also, give the sources. Just copy and paste the URLs you used.
- ⇒ Be able to present your findings via beamer.

### Expert groups

In groups of six prepare a presentation (PowerPoint/poster/transparency) and an info sheet (word file) with blanks for the others to fill in during your presentation on the following topics:

1. regulation of thyroid gland activity
2. hypothyroidism (symptoms, causes, treatment)
3. hyperthyroidism (symptoms, causes, treatment)

- ⇒ First try to find relevant information on your own and take notes of sources and facts.
- ⇒ Then get together in your expert group, compare and discuss your findings and prepare the presentation.