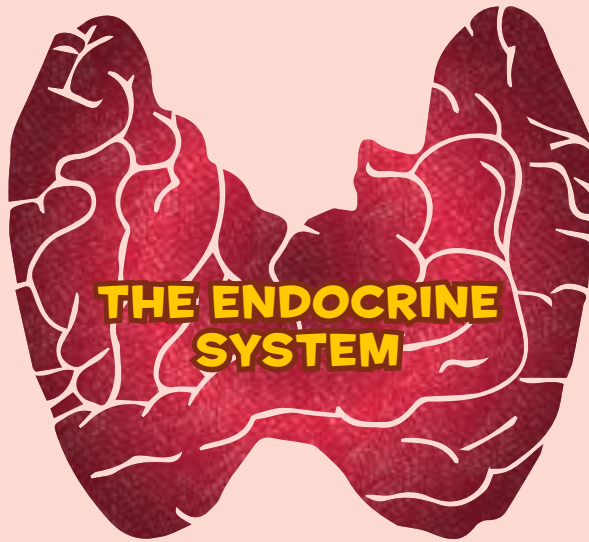


# Activity 2.5 How does the human endocrine system work?

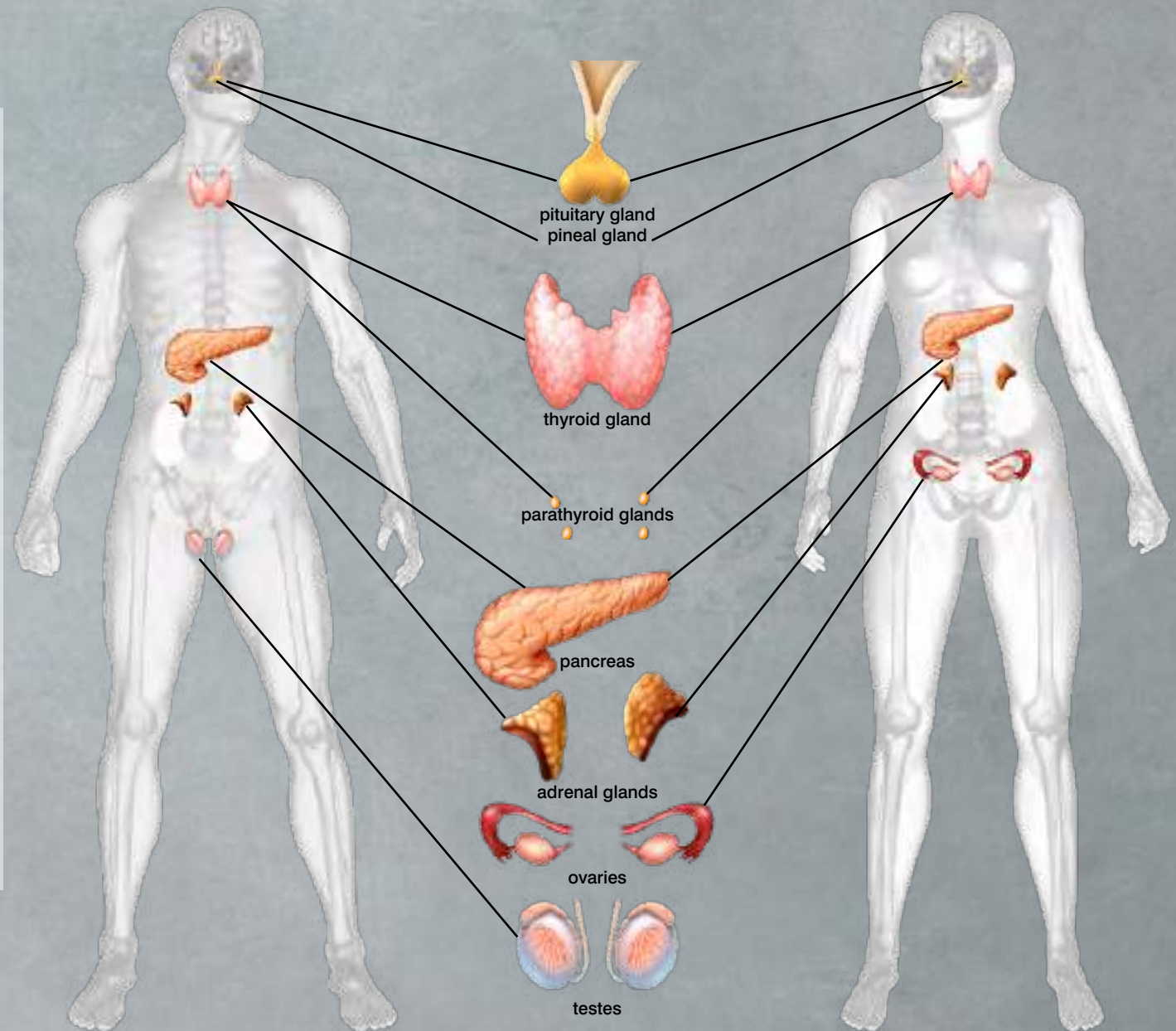
Activity type



DOWNLOAD e-NOTEBOOK



The endocrine system is made up of a series of glands that secrete chemicals called hormones into the blood in response to changes in the body. Changes include the level of glucose in blood, a change in body temperature and shock.



## Activity 2.5 How does the human endocrine system work? Continued

### Endocrine glands

In small groups research an endocrine gland and create a class presentation about its role in the endocrine system.

#### What to use:

Each GROUP will require:

- Labelled picture showing their gland (**Activity sheet 2.5 Endocrine glands**)
- Butcher paper and markers.

Each STUDENT will require:

- **e-Notebook**
- internet access.

#### What to do:

##### Step 1

In groups research the endocrine gland you have been assigned. You will need to:

- Identify the hormones produced by your gland
- Identify the target organs or tissues that the hormones affect
- Describe the effects the hormones have in the body.

##### Step 2

Create a two to three minute class presentation to the rest of the class about the role of your endocrine gland. Use the butcher paper to make a human body outline so that you can show where your gland is located.

##### Step 3

As other groups in the class present their findings, complete the table below in your **Notebook**.

Endocrine gland	Hormones produced	Action of hormones on the body
Pituitary gland		
Pineal gland		
Thyroid gland		
Parathyroid glands		
Adrenal glands		
Pancreas		
Ovaries		
Testes		

##### Step 4

Draw a human body outline in your **Notebook** and mark on it the position of each of the endocrine glands.

#### Discussion:

1. What are hormones?
2. Where are hormones produced?
3. What is a target organ or tissue?
4. Why do you think the pituitary gland is often called the "master gland"?

Remember to use your printed gland and the human body outline provided as visual props in your presentation.



Click here to find your research materials.