



Endocrine System Texting

Group Activity

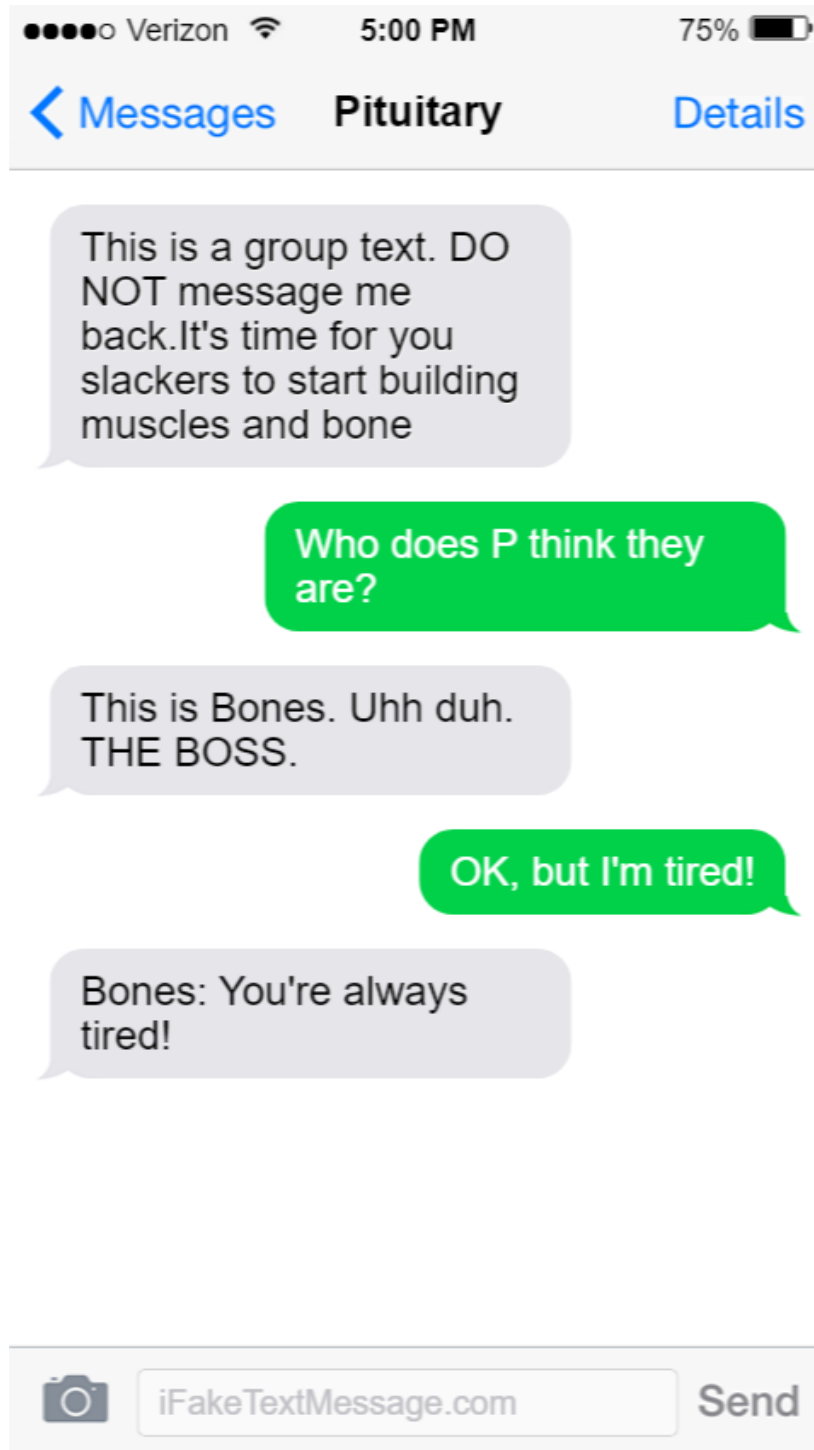
Objective: Students will model chemical messaging by the endocrine glands by creating text message conversations from the glands to the affected organs. Students will already have the previous knowledge of how text messaging and email works to send messages to intended recipients and block unwanted messaging as spam.

Materials: Students can use the attached template, or they can go to ifaketextmessage.com or other sites to create a digital text message. Write out the endocrine glands on individual strips of paper and put in a bag.

Procedures:

- 1) Divide students into groups of 2-3
- 2) Allow students to randomly draw an endocrine gland written on a strip of paper in a bag.
- 3) Each group creates a text message conversation from the gland to the organ(s) giving an order to do something in the body. The text message is the role of the hormone sent in the bloodstream that will only be received by the intended receiver. The reply message will indicate the hormone activated the cells in the intended organ and was ignored by the rest of the cells in the body.
- 4) Text messages should include at least 4 text bubbles of conversation.
- 5) Students should feel free to show creativity in organs giving feedback to the gland to show disease processes, or normal function.
- 6) Close this activity by posting the conversations in a community space and discussing the roles of gland-hormone-organ.

ENDOCRINE TEXT MESSAGES

A screenshot of a text message conversation on a mobile phone. The status bar at the top shows "Verizon", signal strength, Wi-Fi, "5:00 PM", and "75%" battery. The message header includes a back arrow, "Messages", "Pituitary", and "Details". The conversation consists of four messages: a grey bubble with a warning, a green bubble with a question, a grey bubble with a response, and another green bubble with a reply. The bottom of the screen shows a camera icon, a text input field with "iFakeTextMessage.com", and a "Send" button.

●●●● Verizon 5:00 PM 75%

< Messages Pituitary Details


This is a group text. DO NOT message me back. It's time for you slackers to start building muscles and bone

Who does P think they are?

This is Bones. Uhh duh. THE BOSS.

OK, but I'm tired!

Bones: You're always tired!

 iFakeTextMessage.com Send

