

## Objective

By the end of this lesson, the student will understand the basics of the endocrine system, its functions, and how it relates to the characters and elements in Genshin Impact. The student will be able to identify key glands and hormones and draw parallels between these biological concepts and the game's mechanics.

## Materials and Prep

- Paper and pencils for note-taking and drawing
- Access to Genshin Impact for reference
- Basic understanding of human anatomy (optional but helpful)
- Online resources or textbooks for additional reading (optional)

## Activities

### • Character Hormone Match-Up:

Choose a few characters from Genshin Impact and assign them a hormone based on their abilities or traits. For example, you could relate Barbara's healing abilities to oxytocin, often called the "love hormone." Discuss why you made those connections.

### • Endocrine System Diagram:

Draw a diagram of the endocrine system, labeling the major glands (like the pituitary, thyroid, and adrenal glands). Then, create a Genshin-themed version by incorporating elements or characters that represent each gland and its function.

### • Role-Playing as Hormones:

Engage in a role-play activity where the student acts out different hormones and their effects on the body. For instance, they can pretend to be adrenaline, explaining how it prepares the body for a fight or flight response, similar to how characters react in battle.

## Talking Points

- "The endocrine system is like the game's elemental system; just as each element has its own unique powers, each gland in the endocrine system produces specific hormones that control various functions in our body."
- "Hormones are like the characters in Genshin Impact; they work together to maintain balance and respond to challenges, just as characters team up to defeat enemies and complete quests."
- "Think of the pituitary gland as the 'Archon' of the endocrine system; it controls other glands and regulates important functions, similar to how the Archons influence the world of Teyvat."
- "When characters use their abilities, they often have effects on their teammates, which is similar to how hormones can affect multiple organs and systems in our body."
- "Understanding how the endocrine system works can help us appreciate how our bodies respond to stress, much like how characters react to different situations in the game."