

**Cross-Curricular Connections: Q**

**Directions:** Define key science terms relating to the [SN 10: Scientists to watch](#) using contextual clues from the articles. Consult an outside resource if necessary.

**Word bank and definitions by science subtopic:**

**Biology**

What is RNA?

What is a polymerase?

What is transcription?

What is the human microbiome?

What is chronic inflammation?

What is asthma?

## **Chemistry**

**What is choline?**

**What is TMAO?**

**What is a lithium ion battery?**

**What is a flow battery?**

**What is electroplating?**

**What is corrosion?**

**What is spectroscopy?**

## **Physics and astronomy**

**What is a jamming transition?**

**What is a phase transition?**

**What is condensation?**

**What is a scanning electron microscope?**

**What is a black hole?**

**What is Hawking radiation?**

**What is quantum gravity?**

**What is stellar evolution?**

## **Earth and environmental science**

**What is climate change?**

**What is energy conservation?**

**What is water treatment?**

**What is a volcano?**

## **Mathematics**

**What is chaos?**

**What is Big Data?**