frontiers FOR YOUNG MINDS

Tips for Young Reviewers

We are excited that you will be acting as a Young Reviewer! This means that you will read a science manuscript and give feedback directly to the scientists who wrote it. They will then adapt their manuscript based on the feedback that you have given them, and the manuscript will be published online. In order to recognize your hard work on the manuscript, it will be published with your first name and an avatar version of yourself!

WHAT IS A SCIENTIFIC ARTICLE?

When scientists do research they need to communicate what they did with other scientists, as well as the interested public. In order to do this, they write scientific articles. These scientific articles explain what the scientists did in their study, what they found, and why it is important.

Scientific articles are read and approved by other scientists (who are not the authors) before they are published, we call this peer review. This helps make sure that the articles are as scientifically accurate as possible. This also allows other scientists to give the authors feedback to improve the manuscript.

WHAT DOES A YOUNG REVIEWER DO?

The goal of Frontiers for Young Minds is to publish scientific articles that are easy for kids to understand. For this we need your help!

Make sure the article is interesting and understandable for readers your age.

Scientists spend a lot of time explaining their work to other scientists, and sometimes they forget how to talk about their work with other people. We need your help to make sure the article written by scientists makes sense to other kids your age. When reading the manuscript, think about these questions:

- Are the sentences and vocabulary right for someone your age?
  If not, is it for kids younger or older than you?
- Did the authors provide enough information to understand their work?
- What are you able to learn from the pictures?
  Do they make understanding the manuscript easier?
  What other pictures might you suggest they use?

If something doesn't make sense to you, make sure you point it out so the authors can fix it before the article is published.

Ask questions and be curious!

Science is all about being curious about the world around you, and asking questions. Gravity would have never been discovered if no one had asked 'why', and the light bulb would have never been invented if no one had asked 'how'. So ask questions, you may have questions that the authors have never thought about!