



# National Science Quiz 2024

## TROUBLESHOOTING GUIDE

### Quiz details

Running time: 53 minutes

Number of questions: 39

### Scoring

Kahoot! awards points for exact answers. All correct answers are worth 1 point each.

For the 'How Many' round, the Red and Blue Teams on the YouTube recording estimate the answer with the closest answer being awarded the point. However, Kahoot! can only award points for the exact answer. We apologise for this limitation in the gameplay with Kahoot!

If you are playing offline using the question sheets provided, you can award points based on the closest guess.

If you are playing offline, please note that in the YouTube recording, Host Nate Byrne will call a points scoring change to 2 points or even 10 points for the teams on the recording.

### Playing the quiz

You can access the quiz recording on YouTube:

<https://www.youtube.com/watch?v=YjKtJ5oMJmM>

Scan the QR code to use Kahoot! to answer questions along with the video. If the QR code doesn't work, this is the Kahoot! information:

URL: <https://kahoot.it/challenge/08674132>

PIN: 08674132

Pause the video after each question. You can start and restart on YouTube easily.

### Connection issues

If you experience connection problems while trying to access YouTube or Kahoot!, try logging out and back in to refresh the video and restart the game.

If problems persist, consider using an offline alternative (outlined below).

**IMPORTANT:** Kahoot! may not save your quiz progress. Be prepared to play the entire quiz without pausing or restarting Kahoot! if possible. If you want to break the quiz play up into multiple sessions, we recommend using the offline play alternative options (outlined below).

### Screens

We recommend using two screens – one for the YouTube recording that all players can see, and one to input answers into Kahoot!

Try a large screen connected to YouTube (via HDMI cable to a laptop or connecting straight to the URL) or use a Smart TV with a YouTube app and search for the 2024 Quiz on the CSIRO YouTube channel.

### **Devices**

To answer the questions via Kahoot, you'll need a device (laptop, tablet or phone) for each player or one for the whole group controlled by one user.

### **Offline play**

There are a few ways you and your teams can play the Quiz. Find a way that suits you best, as it has been designed for flexibility.

You can use the transcript in YouTube to find natural breaks, if you'd like to divide up the 53-minute recording over several sessions. The show is divided into Rounds with an intro and awards/liquid nitrogen bombing at the end.

For completely offline play, you can download a PDF of the quiz questions and print off copies for your students to complete individually or in small groups/teams. There is a question and answer sheet for teachers to use to mark the results (note: this includes the answers).

- Question sheet for players: <https://www.nationalsciencequiz.com.au/wp-content/uploads/2024/08/National-Science-Quiz-2024-Question-Sheet.pdf>
- Question and answer sheet for teachers: <https://www.nationalsciencequiz.com.au/wp-content/uploads/2024/08/National-Science-Quiz-2024-Teacher-QandA-Sheet.pdf>

Before you start the video, download the PDFs from the Quiz website in 'How to Play' or email the team at [CEDOcomms@csiro.au](mailto:CEDOcomms@csiro.au).

### **Alternatives to devices**

If you choose not to have devices in the classroom or homes, there are alternative ways to play alongside the recording.

1. **Pen and paper:** Simply write down answers and score as you go, following the prompts by the recording for scoring.
2. **Show of hands:** Pause the video after each question and have players raise their hands to vote for each option or to share their guesses to the question. Restart the video after the discussion to reveal the answers.
3. **Single device Kahoot!:** Using a similar model as above, pausing and unpausing the YouTube recording as needed. Use one device to mark your class or team's final answers in Kahoot!

The recording includes breaks for rounds and awards. You can use these breaks to adjust your play style (online or offline) as needed.

Feel free to adapt these suggestions to fit your specific needs and equipment availability.