Required technical specifications to play the   
European Money Quiz via Kahoot! in a classroom:

UPDATED 15 NOVEMBER 2018

**Technical requirements:**

* FOR RECEIVING THE QUIZ: Smartboard, projector or large screen connected to the Internet and able to play a YouTube live video
* FOR SENDING THE ANSWERS: one or more devices (smartphone, tablet or PC) connected to the internet

# Kahoot!

First of all, the general structure of Kahoot! normally requires you to have at least **two devices**, namely one acting as quizmaster and the other(s) as players. It is recommended to use a **large screen** such as a projector screen, television or Smartboard to view the questions of the quiz. The players can answer the questions via the Kahoot! website on a computer, tablet or smartphone. You can also install the Kahoot! app on your smartphone, which gives you the possibility you to do the quiz on one device. Find the app here:

* [App Store](https://itunes.apple.com/us/app/kahoot!/id1131203560?ls=1&mt=8) - for iOS 9 or newer
* [Google Play](https://play.google.com/store/apps/details?id=no.mobitroll.kahoot.android) - for Android 4.4 or newer

Playing Kahoot! via the website is fully supported on the latest two versions of *Chrome, Firefox, Safari,* *Edge* and *Internet Explorer,* also for mobile devices. (Chrome is the preferred browser for the European Money Quiz because it works best for livestreams via YouTube.)

Do you want to know if Kahoot! will function properly in your browser? Then click this link:

<https://test.kahoot.it/>

# YouTube livestream national finals

The national final in the European Money Quiz are live-streamed by Kahoot! (based in Norway) during the national finals. In this way all the participating classrooms can play at the same time and it prevents cheating. This means that the questions will be displayed on the Youtube livestream.

To enter the answers of your classroom, **you still need a second device**, such as a computer, tablet or smartphone, either by entering the PIN on the website or on the Kahoot! app.

Livestreams require a relatively fast internet connection and a computer or smartboard with sufficient processing power to ensure optimal streaming speeds. Here's what you'll need:

* Most recent version of Google Chrome (*preferred*), Firefox, MS Edge, or Safari
* Operating system: Windows 7 (or higher), Mac OS X 10.7 (or higher), or Ubuntu 10 (or higher).
* Internet connection with 1+ Mbps\*

\***Please note** that the Youtube livestream requires a sufficient internet bandwidth. According to Youtube you need a bandwidth of **at least 2,5 Mbps** to smoothly watch a High Definition (HD, 720p) video. For a Standard Definition video (SD, 360p), you need a bandwidth **between 1 and 2,5 Mbps**. You can test your bandwidth here: <http://www.speedtest.net/>

It can help to close other tabs, browsers, and programs while streaming your content. It may also help to hardwire your Internet connection, instead of using a wireless network connection.