

# Arility Road Safety Resource

## User guidelines

Welcome to the Arility augmented reality road safety resource. The resource is an app that can be downloaded via the App Store for IOS (iPad) or via the Play Store for Android tablets.

So, before you begin to work in schools, they should download the app to each tablet they would be using. Or alternatively, if you are using your own team's tablets, make sure the app is downloaded before you go to the school.

Ok, assuming the app is nicely downloaded to each tablet to be used, you can begin.

### How does it all work?

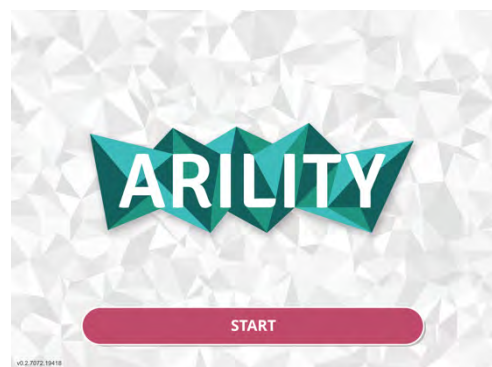
Let's assume you are working with a class of 10 children. Each child has his/her tablet with the resource downloaded and opened up ready to go. The teacher (or you) will have your tablet with the app ready to go also.

FIRST, and this is very important, **all tablets being used for the lesson must be linked to the same wifi system in the school.** This ensures that the children can link to the same lesson and that automatic reporting can happen. However, if wifi is an issue, please don't worry, there is a workaround at the end of the document!

SECOND, and this is very important too. The Teacher should open the app FIRST and get to a stage where he or she can use the app to run the class. THEN the children should open their apps and 'join the class'.

Teacher then starts his/her app and will see this screen:

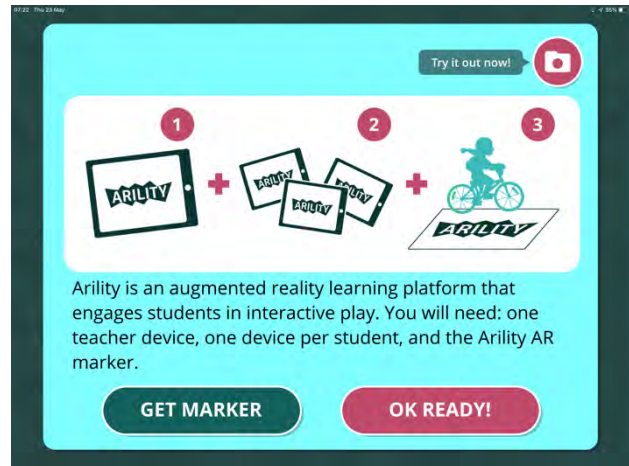
Press start.



This next screen allows you to GET MARKER. The MARKER is a printout of the Arility Logo. This marker is used to activate the images on the tablets and is essential to using the resource. Without it you cannot continue. So, print out the marker in readiness to start your class. You can print out the marker by going to <https://arility.com/markers.html>

It is recommended that you provide the school with a ready printed marker on stiff card at A3 size. This is more durable and can be retained by the school.

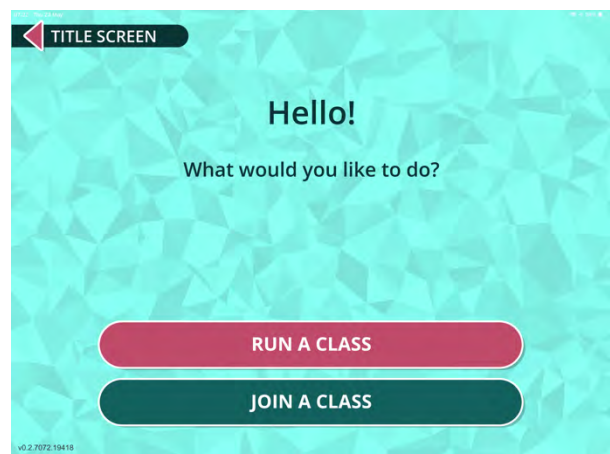
When you are ready, press OK READY!  
Or, GET MARKER to print out a marker.  
[Your tablet will need to be able to print to a local printer] or print from the website as described above.



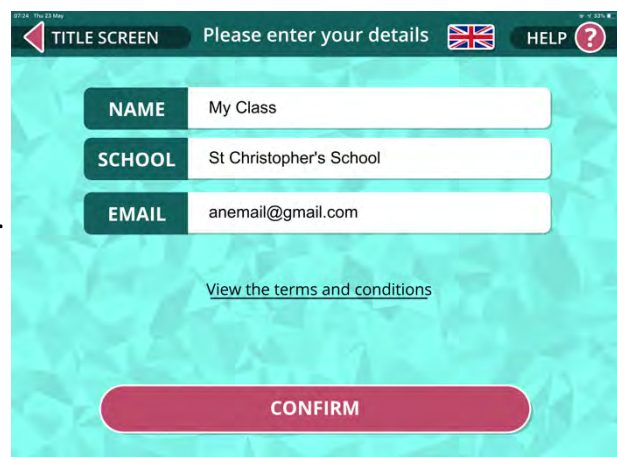
This brings you to the next screen where you can choose one of two options. As the Teacher, you will choose RUN A CLASS. The students will choose JOIN A CLASS [LATER]

**The students should wait until you have set up your class first – before they open their app.**

So, press RUN A CLASS

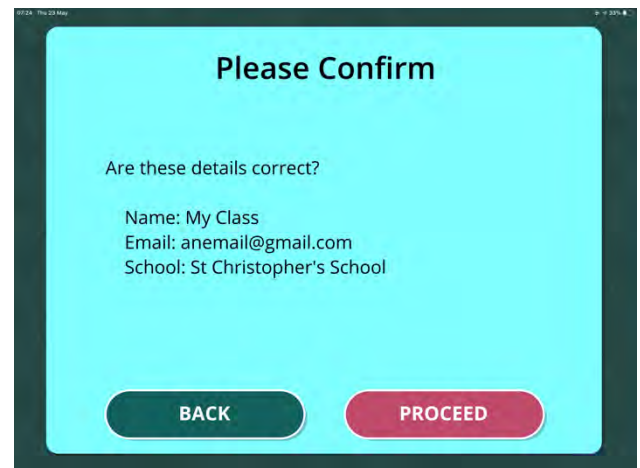


You now need to complete this page.  
Give your class session a name, then start to type the name of your school.  
Your school will appear in the drop-down list.  
Choose your school.



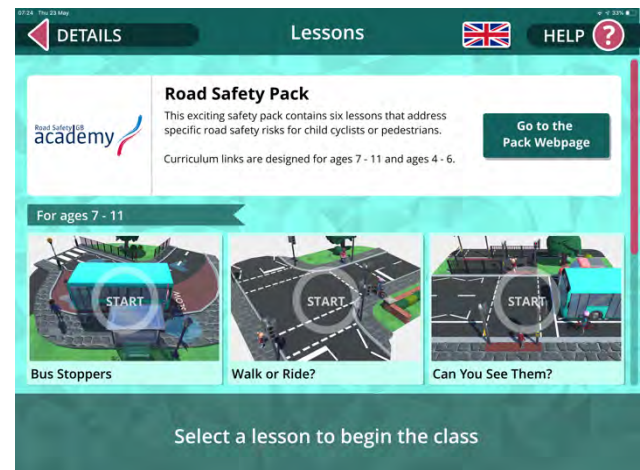
Next enter your email address where you would like the class reports to be sent. Press 'confirm'

Getting Started.  
Check your details and press proceed.



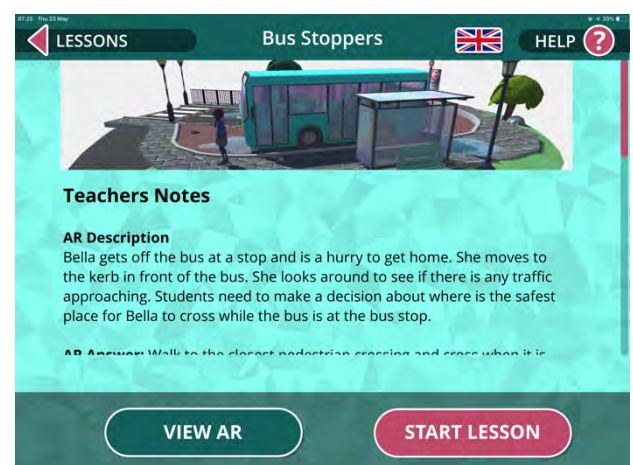
You can now choose which lesson you would like to do.

Click on 'Bus Stoppers' for example



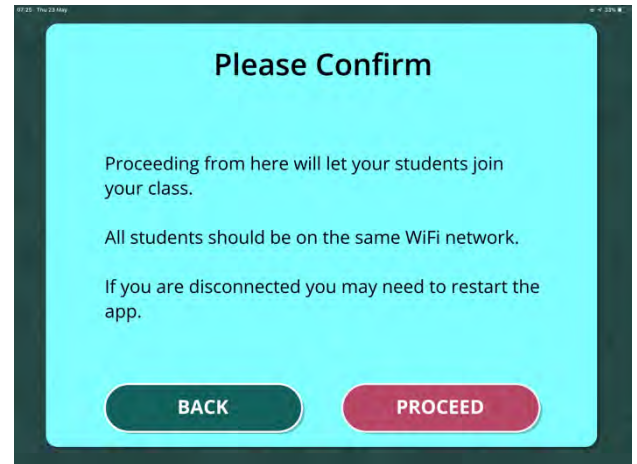
Here you can either view the AR or start your lesson. There are teachers notes here relating to the lesson.

Let's start the lesson.



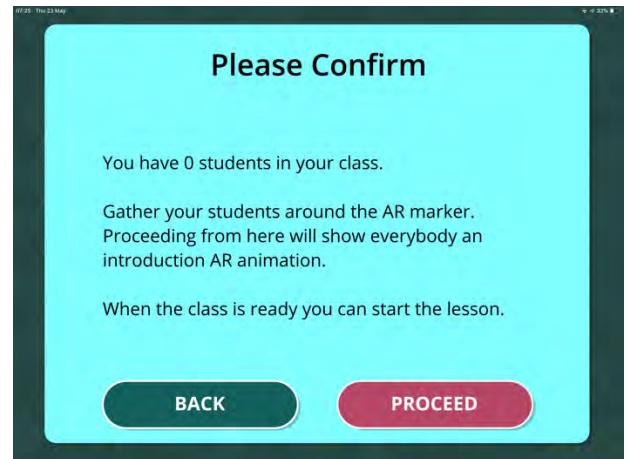
Your students can now **JOIN A CLASS**

[Instructions for joining a class are later in this Document]. When they have all joined your class, press **PROCEED**



This next screen will tell how many students are in your class. Follow the on-screen instructions.

Press proceed.

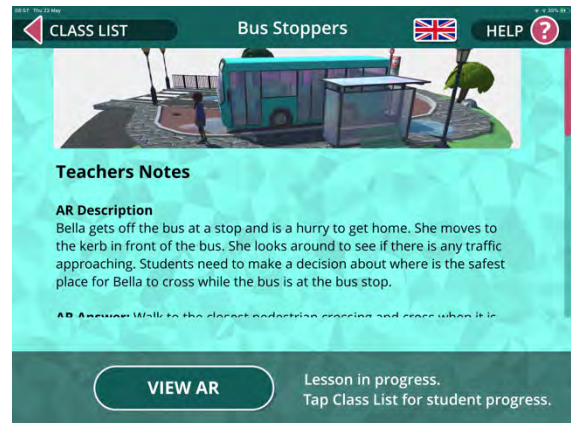


Now go to **LESSON INFO** for teachers notes and to view the AR

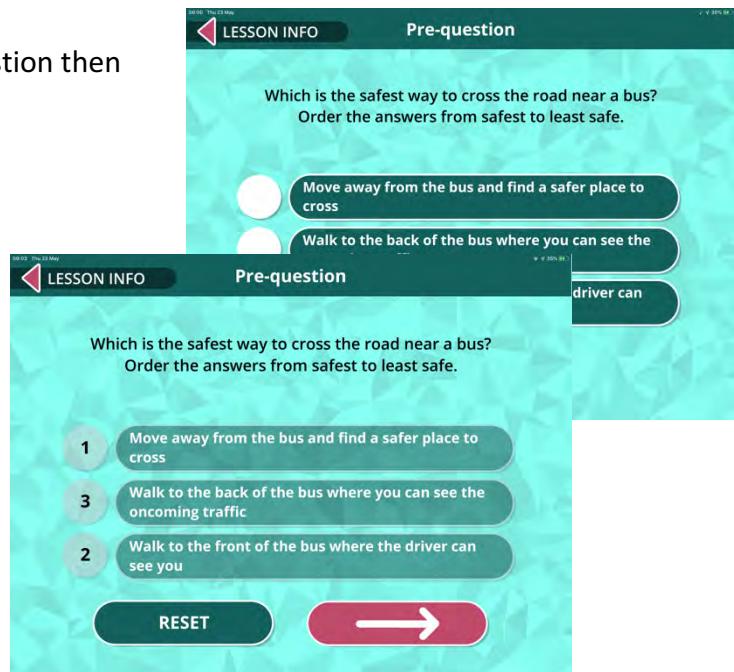


This screen gives you Teachers notes, and An AR description of the lesson.

Click VIEW AR for the pre question

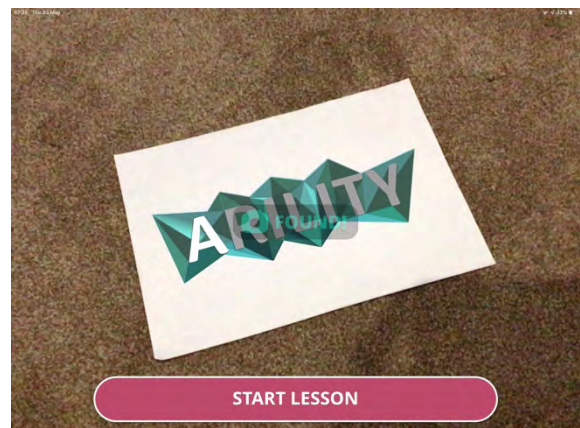


You now need to answer the pre question then Press PROCEED



Now look for the MARKER.

Point your tablets at the marker and the AR Will appear



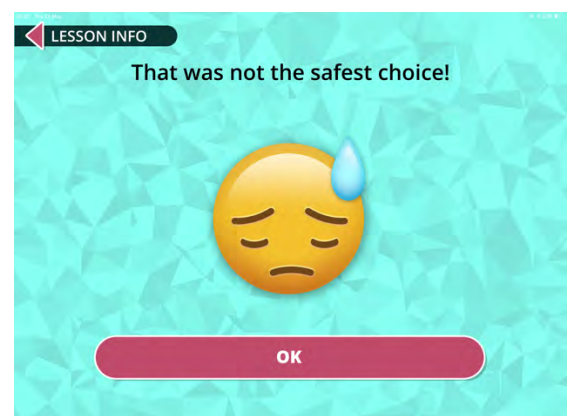
Now you and the students can view the animated AR from any angle. Each student will get a different view depending on where they are stood around the table. You can also rotate the marker by hand to see the different views.

[different view]

A question appears at the bottom of the screen and the students can make a choice by pointing the tablet at a specific green arrow and selecting it by pressing the big yellow arrow.

This is your opportunity to discuss the scenario and the issues around crossing in front of or behind vehicles.

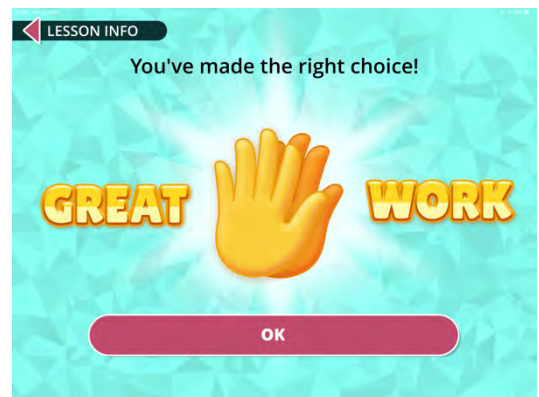
If the student gets the answer wrong, they will see this image on their tablet.



When the student selects the correct answer, the scenario plays out.

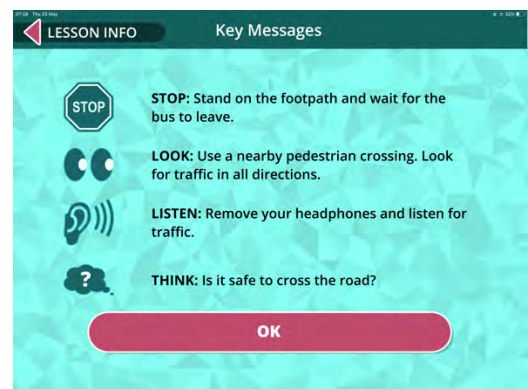


The student then gets the Great Work screen!



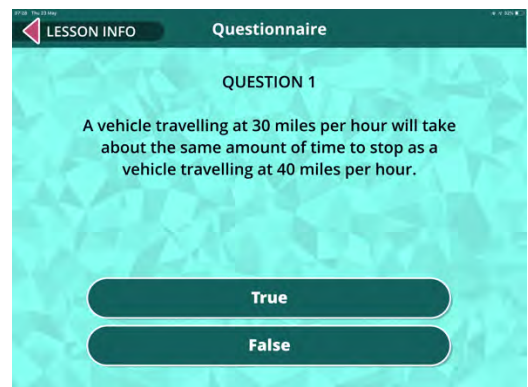
The KEY Messages screen then appears.

After discussing the KEY MESSAGES click OK

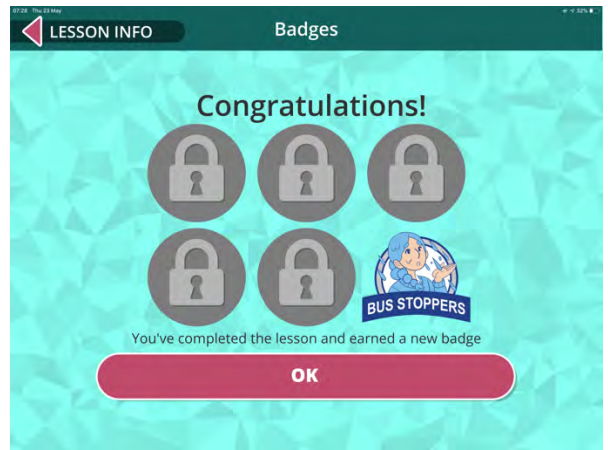


Then follows 3 post lesson questions

[This is q1 of 3]



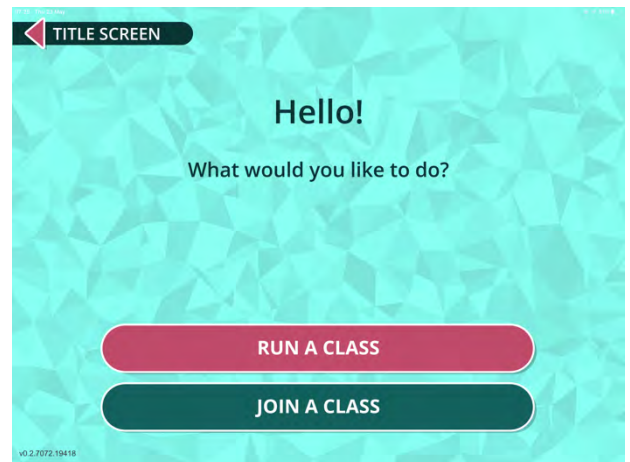
On completion of the lesson, the students gain a badge. Press OK.



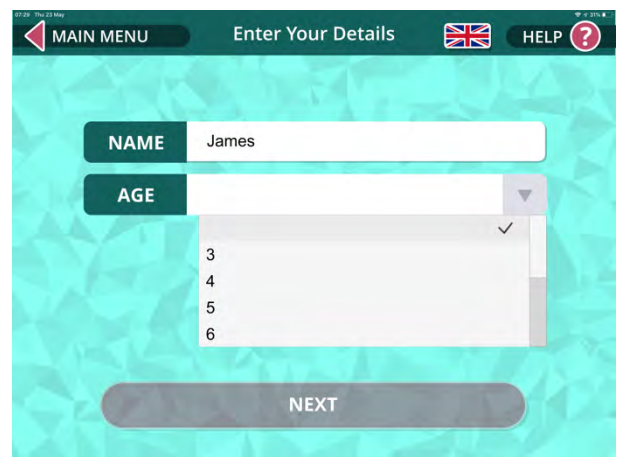


## FOR THE STUDENT

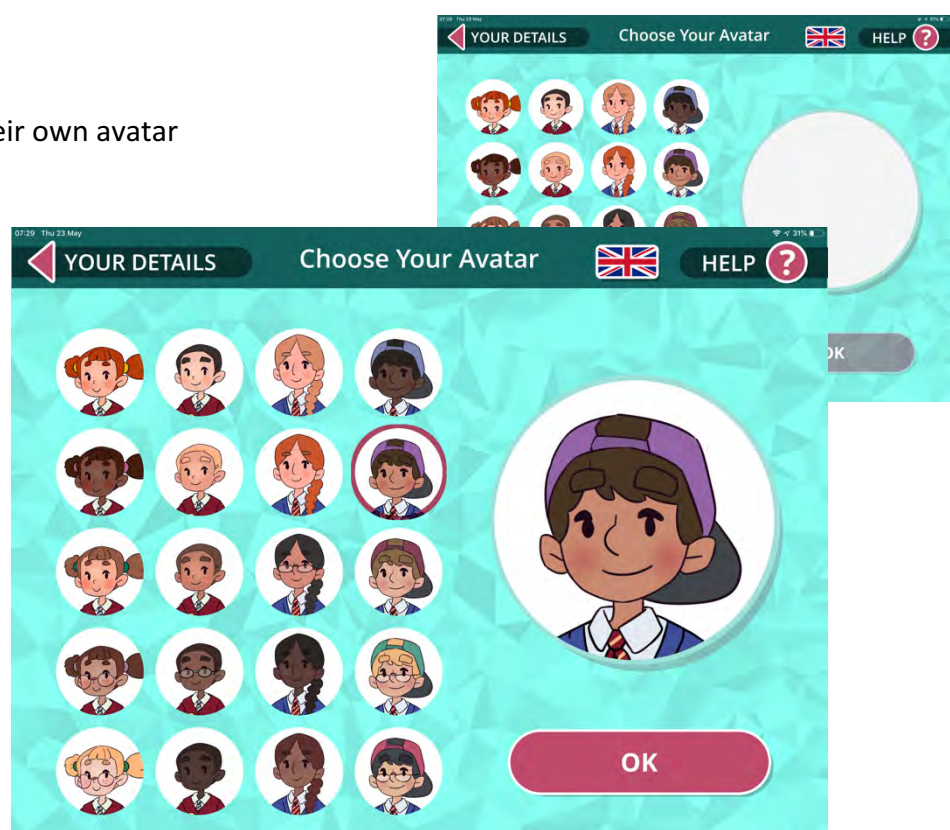
After you have set up your class, the students will choose JOIN A CLASS



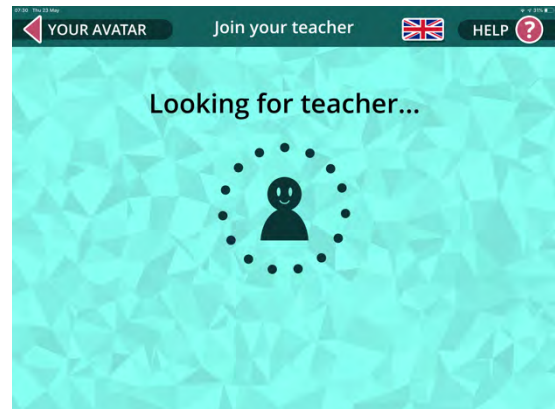
They will enter their details and press next.



They can choose their own avatar



The students then join the class



When the students find the teacher, they can then view the scenario by pointing their tablet at the marker.

#### **WORKAROUND FOR WIFI/CONNECTION ISSUES**

If for some reason the children cannot find the class or there are connections issues, you can still carry out the lesson 'off-line'.

The solution is to set up each tablet as 'TEACHER'. Each tablet will operate independently but all the children will be able to see the images and you can still conduct the lesson. The only missing elements will be the automatic online reporting that you would not see anyway, and the issue of a certificate. However, this can be achieved independently.