**Things noted after speaking to primary school teachers about the app:**

- Most primary school students nowadays are happy to use tablets/iPads. (steering away from desktop computers and laptops depending on schools)

- Most primary schools have poor internet connection so the ability to use the app without an internet connection is preferred but not essential.

- Could be used for assessment as a group in the classroom after finishing a section of the curriculum. (Work on seeding so every student in the class gets the same exam questions)

- Primary school curriculum:

* Twinkl
* Transum Maths
* Curriculum online
* Haylock maths for primary teachers
* Folens online
* SEN
* NCCA Mathematics curriculum online
* Mental Maths
* NZ maths
* Bee Bots (for teaching directions)

- Maths Tables section of the app would be good.

- Tooltips / Glossary for what certain keywords mean.

- App should be aimed for 2nd class and over but some have said even junior infants would benefit.

- To help with engagement:

* Bright/contrasting colours
* Badges
* Hierarchical system that gets more difficult as you go along
* Positive praise
* Good sound design for correct and incorrect answers
* Pictures
* Points system
* Allow them to create their own avatar/upload an image

- App would benefit teachers in terms of more advanced children, the teacher can assign additional work for students that are more abled when it comes to maths.

- It would also allow teachers to assign additional work to students who are struggling so that they could catch up.

- The addition of an app into the student’s life would be a breath of fresh air and help with engagement in class.

- Mini-game ideas:

* Odd-One-Out
* Matching Games
* Time trial mode / Beat the clock
* NRich maths online (problem solving questions)
* ixl.ie (online quizzes for irish maths curriculum)
* Word problems

- Not every student would be provided an iPad/tablet to use on their own so group activities might be necessary, but this is an issue for the school rather than for the development of the app.

- Combine all curriculum strands to make quizzes at the end of each section.

- Should be able to see a graph of the users progress at the end of the week/month/year/all time.