

Tutorial app, *Duolingo ABC – Learn to read*

Duolingo ABC is on version 1.0.23 as of October 13th, 2020, it received this update on October 5th, 2020. Duolingo ABC is developed by Duolingo. Duolingo ABC is available on Android and iPhone devices as well as the online website. Duolingo ABC is free to download and use. When you first open Duolingo ABC you are asked to choose what level you are with reading: beginner, know some letters and sounds, or know most letters and sounds. You then get to choose a character to represent you and give yourself a nickname. You also have to give it your age and it gives you the option to enable speaking exercises which uses your phone or headphones microphone to allow you to speak and sound things off as Duolingo listens and tells you how it is.

Duolingo is easy to navigate and use and seems to be like a fun app for younger children who need help when it comes to reading, writing or putting letters together to make a word. The first activity it has you do is put the letters of your name together to form your name as a word, it gives you a purple star for every activity you complete. On the reading activities it highlights the words as someone reads the story slowly, this allows kids to keep along with the story and hear how the words are pronounced as they try to learn how to read themselves. Duolingo is a great app that fits perfectly under the tutorial category. The app will teach you how to make certain sounds and words, it also teaches you letter and how to put them together to make words. This is a fantastic app and I could see myself using it in my kindergarten classroom. I love that this app is such a high quality product and is absolutely free! I would absolutely recommend other pre-school or kindergarten/1st grade teachers to check this app out and consider showing to parents

and guardians as a fun learning device to use at home and in the classroom! I could see teachers having their students use this in breakout sessions or during “computer time”.

Drill and Practice App, *Endless Numbers*

Endless Numbers is on version 2.9 as of October 13th, 2020, it received this update on March 10th, 2020. Endless Numbers is developed by Originator Incorporated. The app is free to download but has In-app purchases. The app is available on Android and iPhone devices.

Endless Numbers target audience is children who are 0-5 years old. Endless Numbers tackles Number recognition, Sequences, Quantity, Numerical Patterns, and simple addition. The app allows you to do numbers 1-5 for free, after the number 5 you have to pay \$6.99 for numbers 1-25 and \$14.99 for numbers 1-100.

When you first load up the app you are greeted with a cute intro that shows up to the number 5 then shows the app's title before it lets you continue. The design of the app is very cute and kid friendly, it is themed as child friendly and adorable monsters at a carnival. When you get into the app there are numbers 1-25 and each card with a number holds new activity for your child to do. You have to rotate the Ferris Wheel in order to move numbers. The app is very easy to navigate and use and is all around very adorable and kid-friendly. I played around with the free numbers and the activities for these numbers and I have to say I am blown away with the design of this app! It has such a beautiful and fun design that I know children will absolutely love! I would classify this game as a drill and practice because it will give you a number, let's take one for example, and show it to you and explain it a little. After a short explanation it will give you loads of activities targeted exclusively on that number to help you practice and become more familiar with the number and what it actually is. I would recommend this app to anyone who has a child that is struggling with numbers, I feel like this app would really attract to young children and they would actually benefit from it!

Discovery Learning App, *Coral Reef*

Coral Reef is on version 1.0.3 as of October 13th, 2020, it received this update on October 1st of 2019 so it doesn't seem to very active when it comes to updates. Coral Reef is developed by Tinybop Incorporated. The app itself costs \$2.99 so that will push some off from trying the app. The app is available on Android and iPhone devices. This app allows you to explore underwater sea creatures and learn about ecosystems. This app is mainly focuses on teaching children foundational science. The kids learn with this app by playing, observing, asking questions, making guesses, and finding answers.

I would classify Coral Reef as a Discovery Learning App because children are learning about marine animals and their ecosystem in a fun way. I would classify this as discovery learning because the target audience would be children who did not know or know very little about marine animals and their ecosystems. This app allows you to discover how the different sea creatures live together and make up their ecosystem. You can feed the fish in this app and learn about their diets. There are also videos about certain creatures to teach young children new and interesting facts about them. There are a lot of fun activities that explain creatures day to day lives, for example there is one activity where you get to learn hoe parrotfish keep coral reef healthy! I would recommend this app to people who have some extra cash if their child loves marine life and wants to learn more about it. It's like having a mini aquarium from the zoo on your phone and you get to interact and play with the marine life! The app was easy to us and I did not have any issues out of it, it also never crashed which is a great plus.

Simulation App: *Kiddopia -ABC Toddlers Games*

Kiddopia – ABC Toddlers Games is currently on version 2.8.4 as of October 13th, 2020, it received this update on October 3rd, 2020. Kiddopia – ABC Toddlers Games is developed by Paper Boat Apps. Kiddopia is available on Android and iPhone devices as well as the amazon app store. Kiddopia’s target audience is kids 5 years and younger. Kiddopia has a free 7 day trail then it costs \$6.99 a month or \$59.99 a year. Kiddopia has a security feature where the parent must enter the birth year before continuing with the free trail, the birth year part is designed very differently than what most websites use so I do not think younger kids would understand which is the point of it. It gives you the option to sign up with Facebook, Google and Apple. You can do a few things without a free trial but it is not much and you must sign into something before you can get past the title screen.

When you open Kiddopia you are greeted with a friendly voice saying the apps full title, I did not expect this app to have a voice over so I was shocked. This app covers math, language skills, social skills, creativity, and self-expression. This app has won 4 awards it has won a parents choice award, TillyWig award, NAPPA award, and Mom’s choice award. This game is simulation because you have an avatar, home you can decorate, and your own virtual pet that you care for. You get coins when you complete certain activities on the app, you use these coins to buy furniture for your home and things for your pet. The app has cute up to date graphics that would be appealing for younger children. It is easy to navigate and use and the app never crashed while I used it. They seem to add new learning activates frequently which is great and will keep kids on the app after they finish all of them. I would recommend this app for anyone looking for

an educational app for their young child if they are willing to pay the membership price. This app has a lot of learning activities ranging from ABC's to puzzles.

Problem Solving App, *Where's My Water? 2*

Where's My Water 2 is currently on version 1.8.3 as of October 13th, 2020, it received this update on May 10th 2020. Where's My Water 2 is developed by Disney. Where's My Water 2 is available on android and iPhone devices and is 100% free to play but does offer some in-app purchases, none of the in-app purchases are mandatory to play and enjoy this app. Where's My Water 2 is a physics-based puzzle game with different levels and locations. This is a fun and addictive problem solving app that kids and adults would both enjoy! This game is a multiple Game of the Year winner for puzzle games. When you first open the app it does ask for you to verify your age, you need to be 4 years old or older, and agree that you understand that there are ads and in-app purchases but they are not mandatory. I would classify Where's My Water? 2 as a problem solver app because you have to do many puzzles to get the alligator characters water to shower with. The puzzles are fun and change to keep everyone entertained and interested.

When you first play Where's My Water? 2 you are given a tutorial of the app which is fun and entertaining. The graphics are cute and the app runs well for it to be free to play. The puzzles get harder the farther you go and the rounds change up every time. While you play you have 2 objectives. The first objective is to get Swampy some water so he can take a shower! The second and alternative objective is to collect all of the rubber ducks while getting water to Swampy! If you or your child are protectionist like me you will sit and re-play levels over and over just to get all of the ducks in every round! I found myself enjoying and re-playing levels just to get the ducks and solve the levels perfectly. I think this is a cute and entertaining problem solving app that people of any age could enjoy! Kids will love the design of the app and adults will have equal amounts of fun with the levels.

Tools App, *Teach me Kindergarten*

Teach me Kindergarten is currently on version 4.2.6 as of October 13th, 2020, its received this update on October 8th, 2020. Teach me Kindergarten is developed by 24x7digital LLC. Teach me Kindergarten is \$2.99 on the app store and it is available on iPhone/iPad/iPod devices. Teach me Kindergarten teaches six age different subjects aimed for kindergarten aged children. You can learn sight words, addition, subtraction, spelling, and writing letter and numbers. I would classify this app as a tools app because it tracks the child's progress and shows what the student should focus on and improve. It has the same model as Khan Academy almost but this is aimed exclusively at kindergarten aged children.

When you open the account it does ask you to create an account but it is free since the app itself costs \$2.99. The application has graphics that would appeal to young students and it is very easy to navigate and use. It has a child friendly design and would be an easy for a kindergarten aged child to use without needing help from their parents or guardians Teach me kindergarten also has a reward system that helps motivate and engage the children to keep them moving forward on the app. For every 3 questions you get correct you receive one coin. Coins are used to purchase virtual stickers or purchase items for your virtual aquarium. I would recommend this app for parents of a kindergarten aged child who wants a similar experience to ABC Mouse but at a fraction of the cost. This app would only be useful for children that are kindergarten app so after they grow past that level the app would not be useful to them, but \$3 is not the most expensive application for you to help improve some of your child's skills and watch them grow as they use the app.