

AHA-ADHD

INNOVATIVE LEARNING



For more information
on this project please
visit <http://aha.ucd.ie>
or email aha@ucd.ie.

If you want to talk
HADD-ADHD Ireland,
please call them on
01-8748349
or email Ken Kilbride
at ken@hadd.ie.

We welcome any questions you
may have about this project.



AHA
ADHD – AUGMENTED



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Student Information on the AHA-ADHD Augmented Project



WHAT IS THIS RESEARCH ABOUT? We would like to invite you to be part of a new exciting project which tests how Augmented Reality technologies or in other words using pictures and 3D animation can make learning more interesting for you. If you are diagnosed with ADHD (Attention Deficit Hyperactivity Disorder), we want to see if it helps you to stay focused, make fewer mistakes and help you finish your reading and spelling work at school as well as with your homework. If you are interested then do read on...

WHO IS DOING THIS RESEARCH? This is an European project coordinated by Assoc. Prof. Eleni Mangina, from the School of Computer Science in UCD, and will work closely with HADD-ADHD Ireland, WordsWorth-Learning (Ireland) and Consiglio Nazionale Delle Ricerche (Italy).

WHY I AM DOING THIS RESEARCH? By taking part in this pilot project you can help us make new tools or materials to help teach children like yourself not only here in Ireland but also children with ADHD worldwide. How exciting is that?

WHY HAVE YOU BEEN INVITED TO TAKE PART? We are only inviting children who are currently in 3rd, 4th or 5th class and have a diagnosis of ADHD. Most of the work will be done in school, but if you want to practice at home also, you will need to have good Internet access.

WHAT WILL HAPPEN IF YOU DECIDE TO TAKE PART IN THIS RESEARCH STUDY? You will be one of 200 children diagnosed with ADHD from all over Ireland. To start, one of your parents will fill out a case history form which gives lots of interesting information about you, from when you were first born, right up until now. Your parents can skip any question that might make you or them uncomfortable and you can stop participating in the study at any time without giving a reason. There will be no photographs, video or recording taken during the study. After that you will be tested to see how good you are at both your reading and spelling. Then you will be placed randomly in one of three groups. One group will do the online WordsWorthLearning (WWL) literacy programme, one group will have access to the online WWL literacy programme with Augmented Reality content and one group will continue normal classes without access to the content but of course they will get a copy of the WWL programme at the end of the project. The project will cover approximately two school terms (September 2018 - June 2019) and your teacher and parent/legal guardian will also be invited to be involved in the daily tasks. The online programme will be done daily in school (in 1:1 sessions or in small groups) and the teacher will set daily homework tasks. These sessions should not take more than fifteen minutes. The programme will last 16 weeks and you will be retested to see what progress you have made.

HOW WILL YOUR PRIVACY BE PROTECTED? We will collect information during the study (pre-assessment questionnaires, your progress with the augmented reality and web-based literacy programme, and post assessment tests). Your answers to our questions and behaviors and data collected from this study will be kept private. Your name will not be used, and no one who reads about our study will know it was you.

We will keep things locked up, secured and de-crypted so only trained practitioners involved in the project pilot study can see them.

WHAT ARE THE BENEFITS OF TAKING PART IN THIS RESEARCH STUDY? Your participation in this pilot project will help us develop new technologies and digital tools in education – Technologies and tools for children and young people with ADHD. The benefits from AHA pilot are conditional on taking part in the study and can benefit both you and your parents.

Your parents will be aware of how the solution can support your learning and help you by monitoring your learning processes. Participants in this project will avail of:

- Free pre and post assessment of students diagnosed with ADHD from a qualified practitioner in Speech and Language therapy
- Parents, teachers and students will have free access to WWL (Words Worth Learning) web literacy programme
- Parents and students will have access to HADD facilities
- Parents and teachers will have access to an international network of experts involved with research on ADHD

WHAT ARE THE RISKS OF TAKING PART IN THIS RESEARCH STUDY? Being in this study will bring you no harm. On the other hand, it might help you to improve or speed up your reading and spelling skills. It will hopefully help us know more about how these new technologies can support your teacher and parents at home and we would like to know whether the Augmented Reality objects would help you with reading and spelling tasks.

CAN YOU CHANGE YOUR MIND AT ANY STAGE AND WITHDRAW FROM THE STUDY? You don't have to participate in this study and your grades will not be negatively affected by the study. You can stop doing the study at any time without giving the reason. If you want to stop doing the study, tell your parent/legal guardian. If you choose to stop before we are finished, any answers you already gave will be destroyed. There is no penalty for stopping. If you decide that you don't want your materials in the study but you already turned them in, contact the researcher of the project. You will not receive any reward if you do the study as this is on voluntary basis, however you may benefit academically.

If you would like to take part in this research or get further information, please ask your parent(s)/guardians to send us their contact details. Please note separate consent forms will need to be filled in before participation can take place:

NAME:

ADDRESS:

MOBILE:

EMAIL:

I am a parent I am Teacher/SNA etc

Please return this:

Ken Kilbride, CEO HADD-ADHD Ireland,
Carmichael Centre, North Brunswick Street,
Dublin 7 [or](mailto:ken@hadd.ie) by email to ken@hadd.ie.

