



LOOP

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Adding **your** human touch to learning

The Problem

The reason why we chose to create this app / website was because we felt that students who were struggling with **learning disabilities** were not receiving enough or any help. Most people don't know that **45% of college students that drop out of college did so due to their Learning Disabilities.**

Learning is **halted** by
stress

fatigue

frustration

attention loss &

lack of engagement

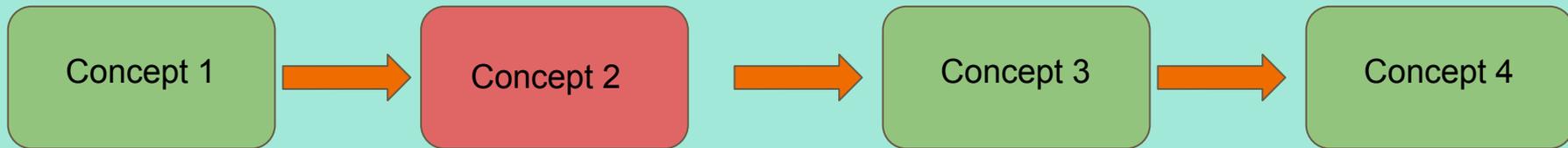
Who Does Loop Learn Help?

Four million college students are diagnosed with a learning disability, and only **14%** of those students are provided with accommodations.

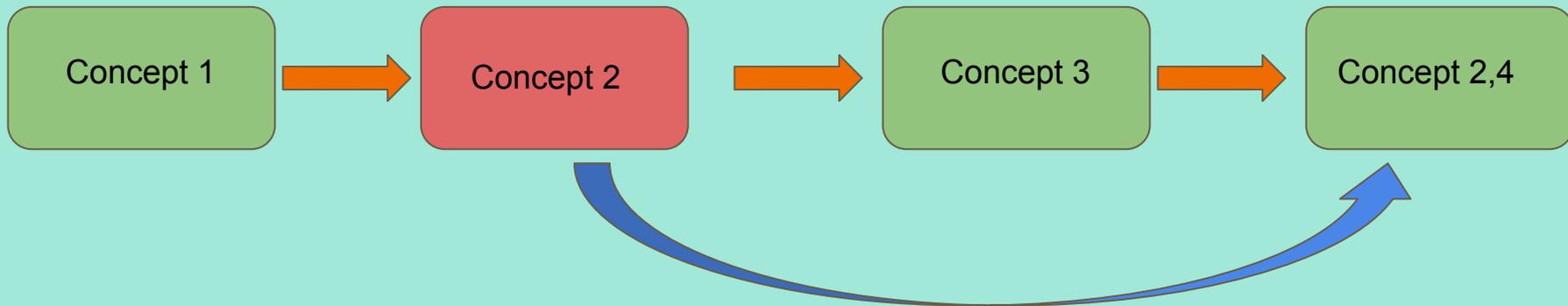
1. Connect
2. Provide Adaptive Learning

Loop Learn — Solutions... —

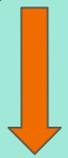
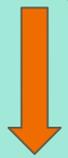
Traditional Lesson: **Keep Moving**



LoopLearn Lesson: **Bring it up later**

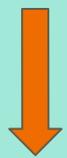
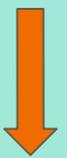


Sensors receive feedback



focused

Stressed



Continue lesson

Archive lesson

Sense



Heart rate



Blood pressure



Respiration rate



Stress response



Fatigue



Concentration

Track



Energy

Learning Goals

Optimal

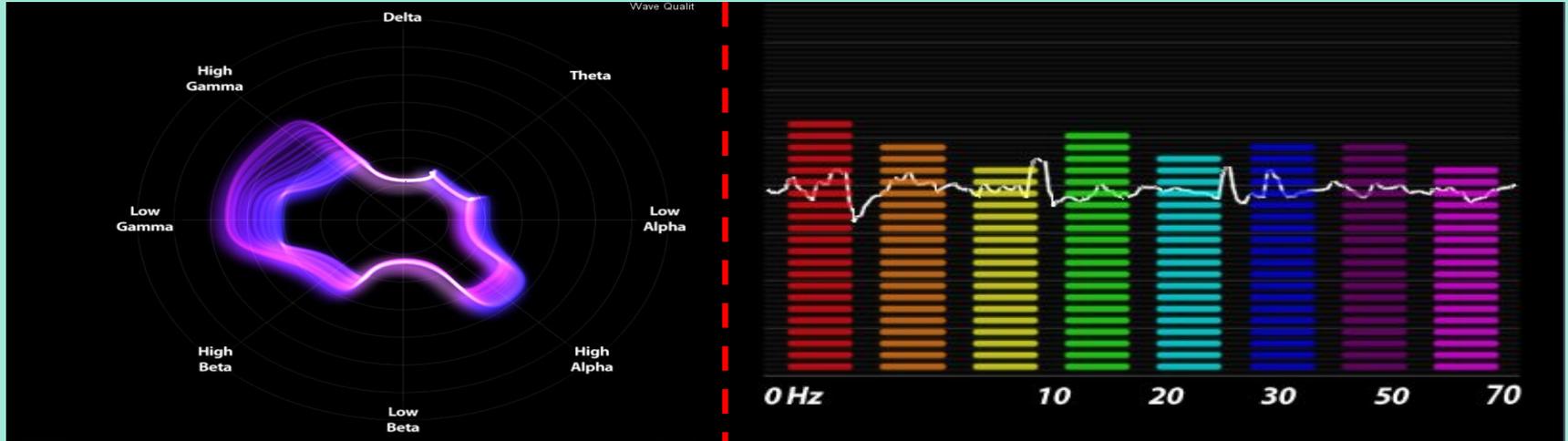
Environment

Stress

Management

Engagement

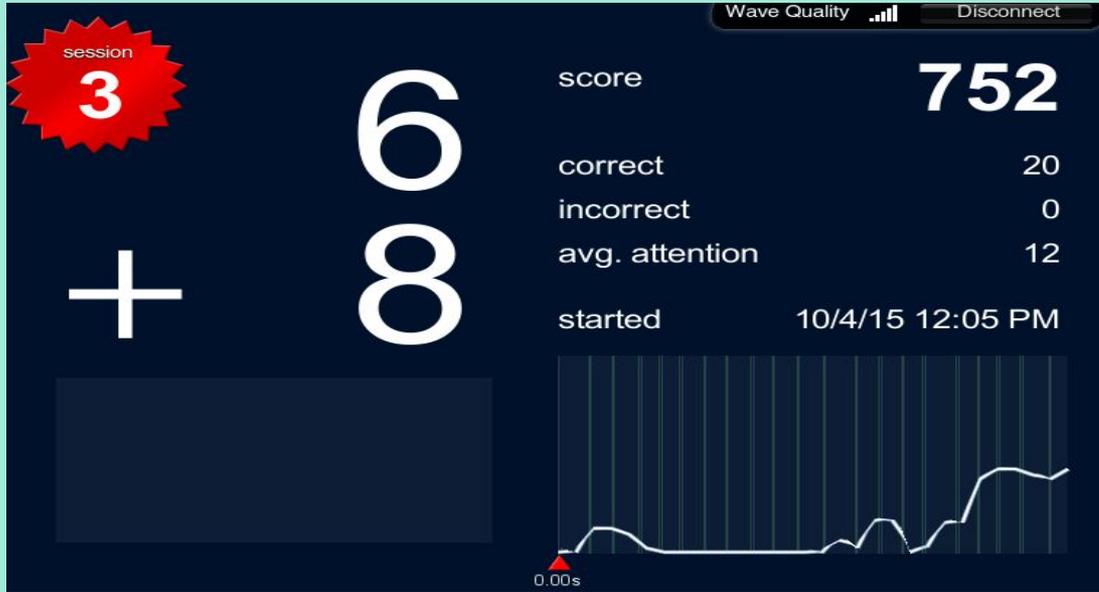
Brain Waves: Data



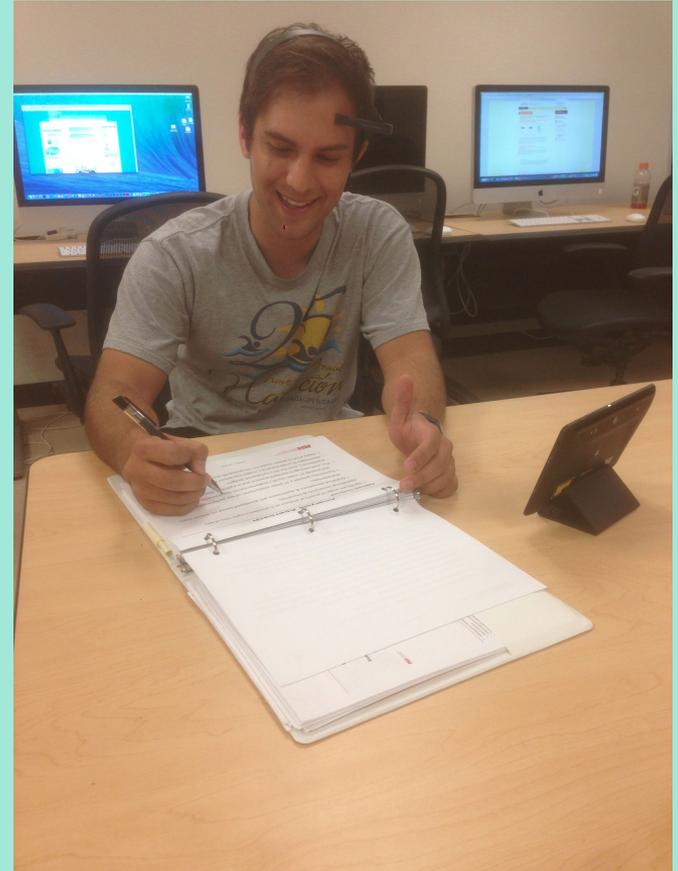
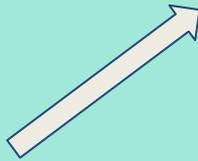
Brain Waves: In Perspective



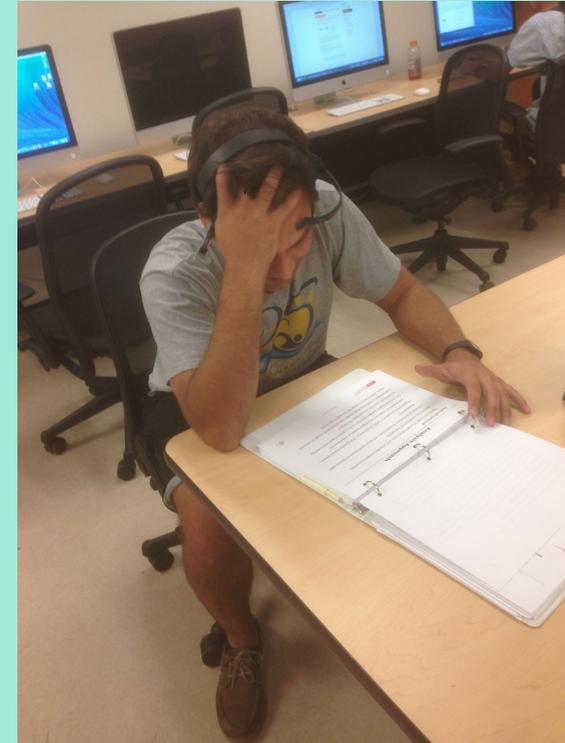
Application: First Grade Math



EEG Data



Application: Fifth Grade Math



Loop learn App (Module)



LOOP
learn

Next

WELCOME!

Thank you for choosing Loop Learn! Our main goal is to connect you with other students and resources in your area.

Sign Up Now!

CREATE A NEW ACCOUNT

Name:

Email:

School:

Age:

Grade:

Next

COME JOIN OUR COMMUNITY!

Username:

Password:

Confirm Password:

Next

CONGRATULATIONS!

You are now a member of a community that will connect you to other students and people in your area that may be struggling with the same things you are! You can also find resources that can help you have an easier and better learning experience.

Next

OUR GOAL

The main goal of Loop Learn is to help you feel comfortable with what you're learning in any way possible. This is possible by:

- Connecting you with others.
- Providing you with resources.
- Help you create study groups.

New Message

hi

student 1

Hello

student 2

message

send

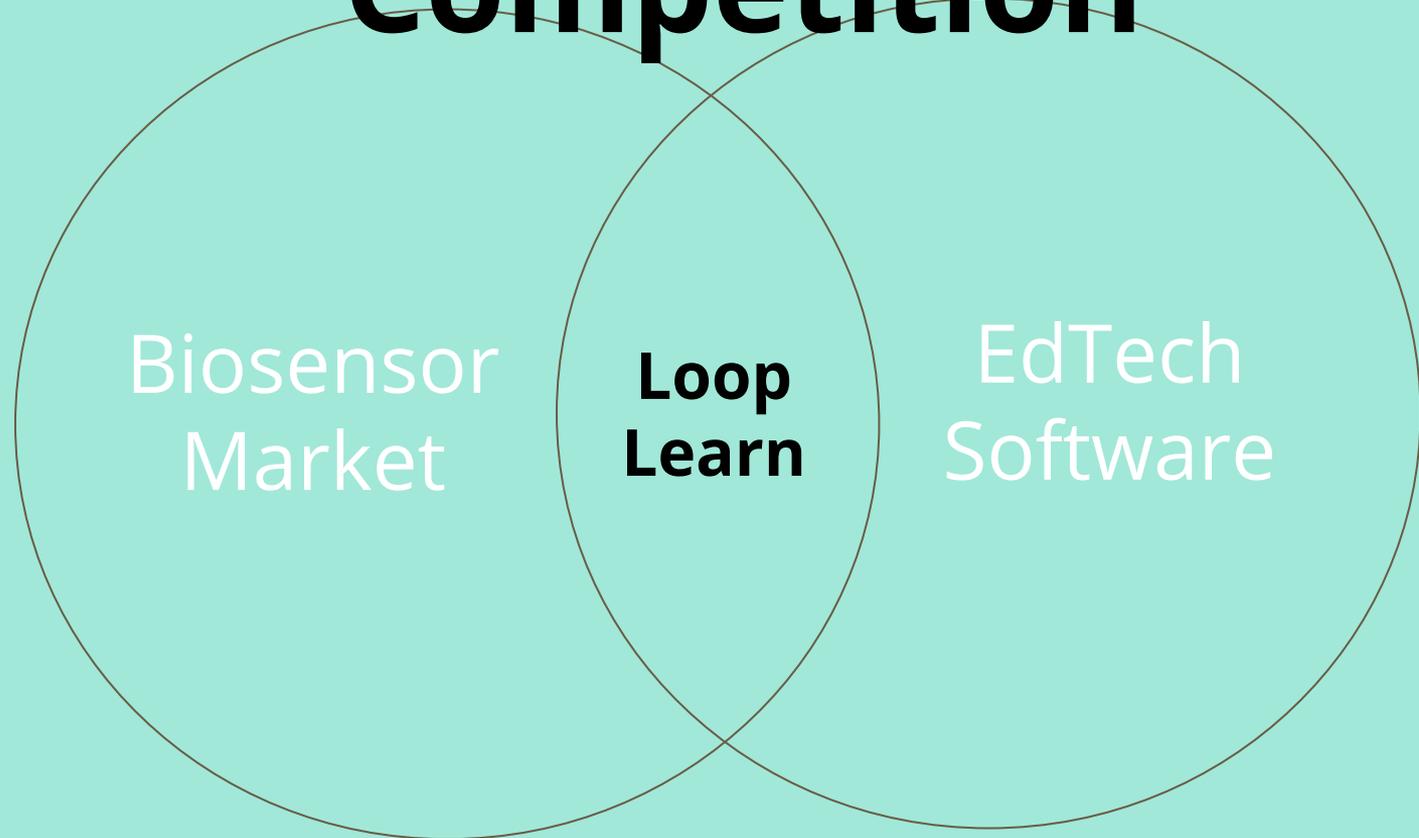
1 2 3 4 5 6 7 8 9 0

Q W E R T Y U I O P

A S D F G H J K L

Z X C V B N M

Competition



THANK YOU

HACKERS



Loop Learn is composed of two parts. One is an app and website that connects disabled students with other students and resources in their area. These two resources are available when you need help. Connecting you to other students helps you understand that there are other students that are struggling just like you.

The other is providing a platform for adaptive learning using biosensor feedback and facial recognition to connect students with learning disabilities to counselors, teachers, and fellow students. We provide information about comprehension, interactivity, and awareness for optimal learning outcomes.

Connection to the 7 Key Humanity 101 Points

1. **Compassion**- Shows the the students in need that they are cared about and that we want them to succeed.
2. **Empathy**- Students are able to access counselors, support groups, and even other students that are going through the same thing.
3. **Forgiveness**- Students that suffer from learning disabilities may feel that there is no hope, but with help they will feel different about learning.
4. **Kindness**- Teachers, counselors, and other students are all kind and helpful to each other
5. **Respect**- When using the website/app teacher, counselors, and students have to be respectful of others
6. **Integrity**- The teachers, counselors, and students using the website are honest and try to help the students learn and succeed.
7. **Self-Reflection**- Provides feedback about the students to see how they are developing in their education.