

## Using Web Apps to Promote IEP Self-Direction by Transition Students with Cognitive Disabilities

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**Eugene 4J School District** 

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## **Outcomes for Today**

- ☐ Gain a better understanding of how to utilize web apps for IEP self direction
- See how the Eugene 4J Connections program uses software for developing web-based portfolios and individualized goal management
- ☐ Demonstrate how students utilize their **portfolios to connect** with team members and community-based agencies
- Look at initial data from a year long program



# Participatory design and collaboration...







## 4J Connections Program

- 18 to 21 year old students.
- Graduated with Modified Diploma, GED or No Diploma.
- Wide Range of Disabilities (Learning Disability, Cognitive Impairment, Autism Spectrum Disorder, Emotional Disability, Visual/Hearing Impairment).
- Serve as a bridge to adult agencies and the community.

#### Connections Program Advocate Model

- Students meet with Connection staff member once a week
- Students work on goal management, budgeting, problem-solving, social skills, and connecting with adult agencies
- Student-directed approach to transitioning

## Student-Directed Approaches

- Involve students in the development of their IEP's, transition planning and assessment
- Encourage students to set their own goals
- Utilize universal design and technology to accommodate for unique learning styles

#### How ePortfolios Can Enhance Self-Direction

- A content management system for students to utilize for IEP planning and ongoing transition assessment
- Individualized to reflect unique strengths, interests, preferences, and needs
- A student-centered planning tool for collaboration with IEP teams

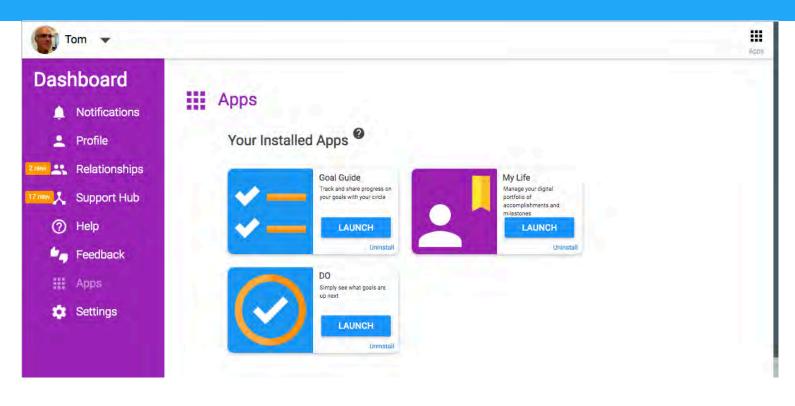
# What is Ongoing Transition Assessment?

- Continuous process that:
  - Requires collecting data on individual strengths, needs, preferences, and interests
  - Relates to the individual's current and future working,
     educational, living, and personal and social environments
  - Should involve both formal and informal assessment activities
  - Is ideally student-directed

## Collaborating with Cognitopia

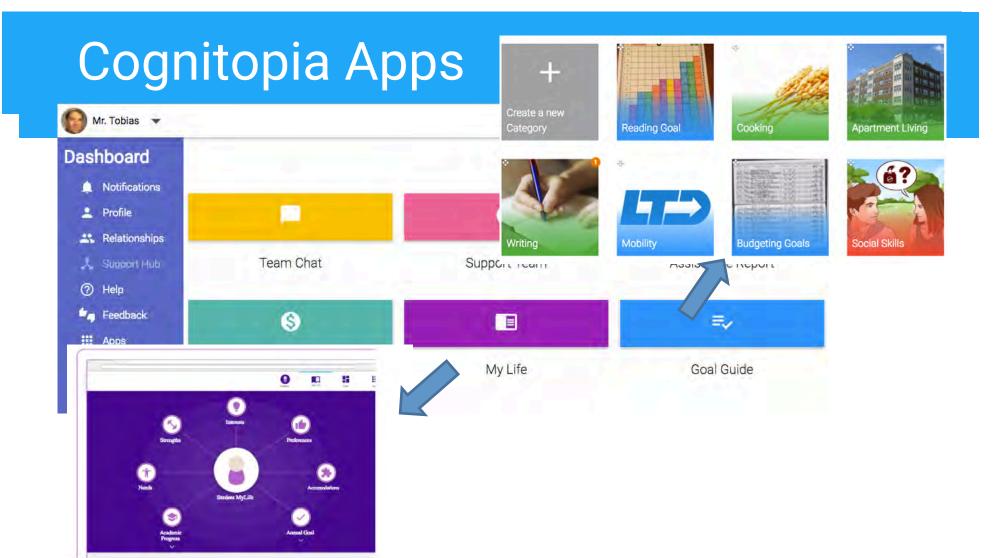
- Build an essential platform of self-management apps across the lifespan
- Maximize independence and self-direction
- Facilitate support as needed, or not needed
- Improve transition at all levels through student-directed applications

# Cognitopia Apps



## Cognitopia Connect: Core Features

- Focus on self-management skills that lead to self-determination
- Universally accessible UX/UI design
- Integrated task analysis and video modeling
- Powerful reminders and status notifications
- Shared information management
- Understandable progress data
- Support teacher and family roles
- State of the art web-based technology platform agnostic

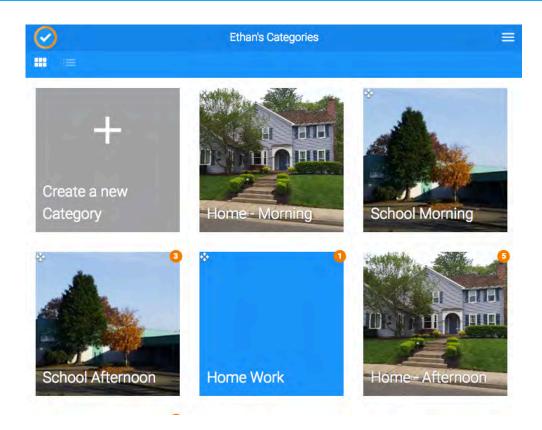


#### **Goal Guide**

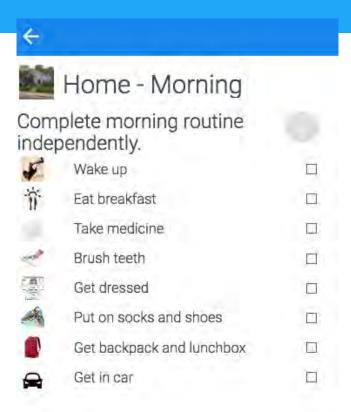


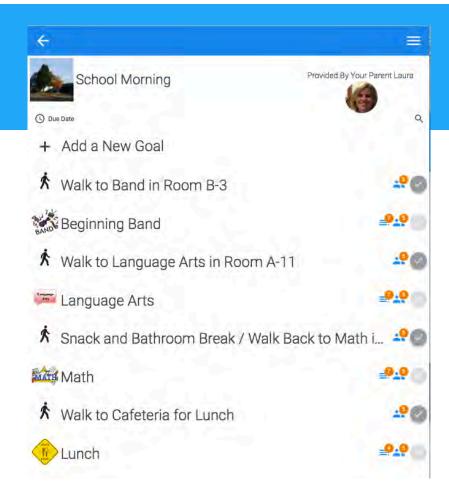
- Easy goal creation and tracking
- Array of reminders and notifications
- Track progress with simple graphs
- Work in teams
- Positive behavior support
- Use for scheduling
- Use for activity prompting

# Goal Guide for Scheduling

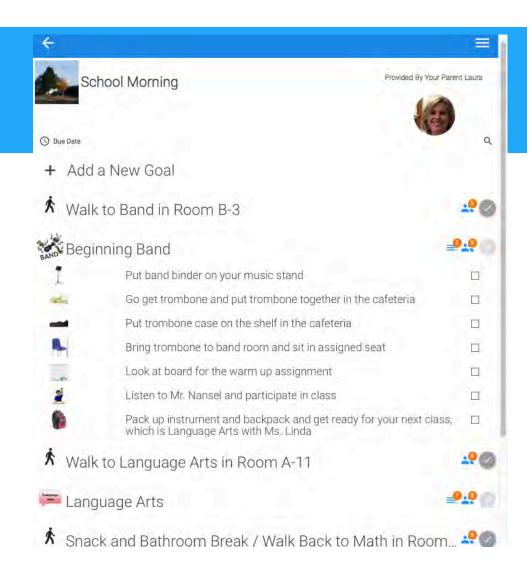


## Scheduling Tool

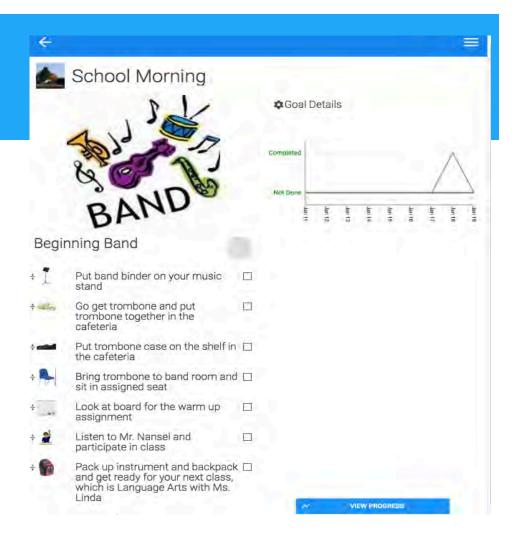




### **Activity Prompts**

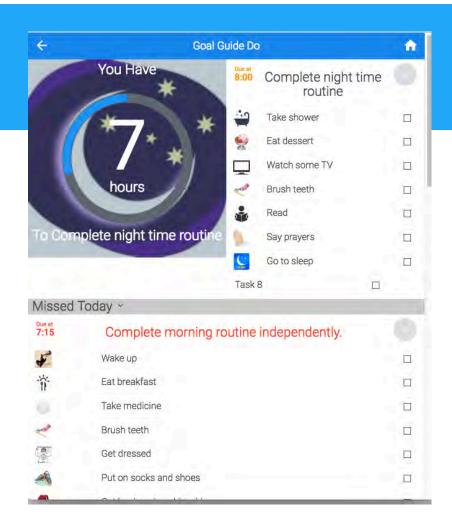


#### **Goal Details**



## Do Mode

- What's next?
- How long do I have?
- What have I missed?



## Goal Guide for Task Prompting



- Students work in a convenience store in the Connections building
- Two Students work each shift
  - Cashier
  - Courtesy Clerk
- Students are independent while working.
- How do we know students are completing tasks?



Clean Counters and Floor in School Store

UPDATE

Sweep Floors with Dustpan And Broom

Clean Counter and Sink with Spic and Span and a Paper Towel

Clean Microwave with Water and A  $\square$  Paper Towel

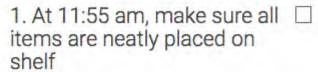
Mop Floors with Bucket and Water  $\Box$ 

#### **School Store**

#### Cashier Responsibilities

- 1. At 11:55 am, Put the Till, Give a Penny/Take A Penny and Price List on The Desk and Unlock.
- 2. At 11:55 am, make sure you ☐ have enough change and \$1 bills in the till. If you do not, tell Josh
- 3. Once the store is open, log each transaction on the transaction log

#### Courtesy Clerk Responsibilites



- 2. At 11:55 am, clean up and messes or spills. Make sure carpets are placed neatly on the floor
- 3. At 12:00 pm, open the door □ and announce the store is open! Turn the closed sign around to open

## Cooking class

- Graphic and video options
- Remote support options\* text, email, mms, app
- Individual or team goals





Goal Details



- 1. Wash Hands
- ÷ D 2. Watch Egg McMuffin Recipe Video
- 3. Gather Tools Needed For Recipe: Large Frying Pan, Spatula, Bowl (if you want to use a bowl to crack the egg), Plate, Butter Knife,
- ÷ 4. Toast English Muffin In Toaster
- ÷ 6. Wash hands after cracking egg
- 7. Once Egg is cooked, remove from pan and place on plate
- 8. Your English Muffin should be finish toasting. Take English Muffins out of

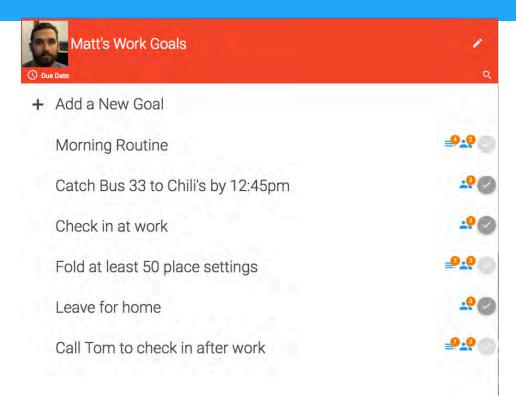
## **Progress Tracking**



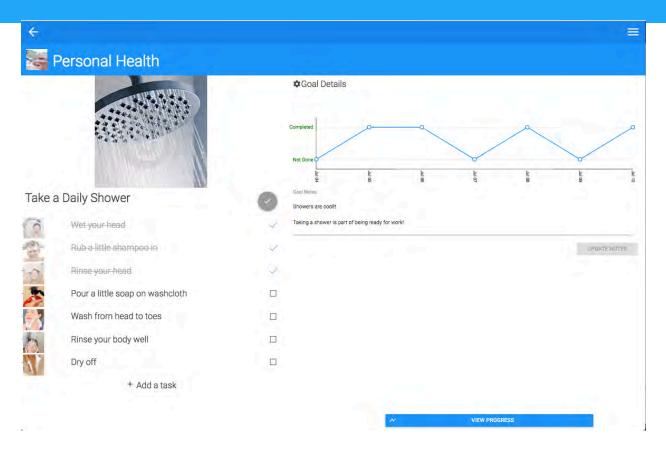
## **Self-Monitoring**



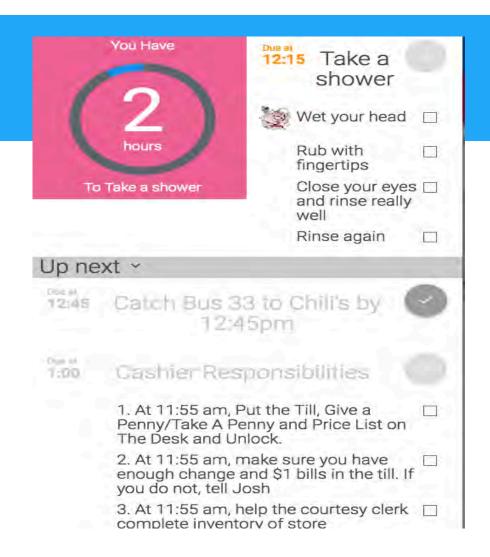
## Routines to Support Work



## Getting Ready to Work



### Do Mode



## My Life



- Multimedia e-Portfolio
- Cumulative life record
- IEP/ISP self-direction tool
- Person-centered planning features

#### What Is An ePortfolio?

- A communication tool for self-directed IEPs that represents skills, interests, abilities.
- A resume for the 21st century. Can include video of student on the job, video references, work evaluations, rating scales
- A roadmap for where the student wants to go in the future.
   Emphasizing interagency linkages, person centered plans and goal setting.
- A digital storytelling tool for transition across educational phases and settings

#### My Life: Individual Web-Based ePortfolios

- Students can access supports and information that is both consistent and transferable
- Provides a one-stop access point for studentdriven transition related activities with an emphasis on interagency collaboration
- Shared access with parents, teachers, and other team members

## Why is this important?

- Little to no understanding of IEP contents
- Surprise at IEP contents
- Most students went to their IEP but were passive participants or disengaged
- Enhanced self-direction has the potential to improve parent satisfaction with the IEP process

#### How Does MyLife Empower Self-Direction?

- Builds self-advocacy skills that lead to self-determination
- Fosters instruction and teaching on individualized goal development
- Supports the student in expressing their strengths, interests and preferences
- Role playing IEP meeting participation
- Priming the student for IEP leadership
- Gives parents a better real-time sense of students' day-to-day educational experiences

#### **MyLife Student-Directed IEP's**



# Student access to formal and informal assessments utilizing MyLife







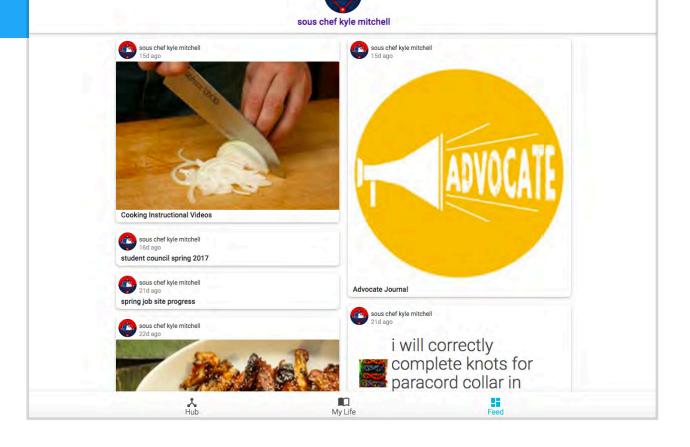
#### **CITE Inventory Score**

I took the CITE test. I had to answer questions that are related to different learning styles.



With MyLife, the student is able to access both formal assessment tools and the informal assessment activities they have participated in and posted.

# How does posting work in MyLife?



## Benefits of Posting

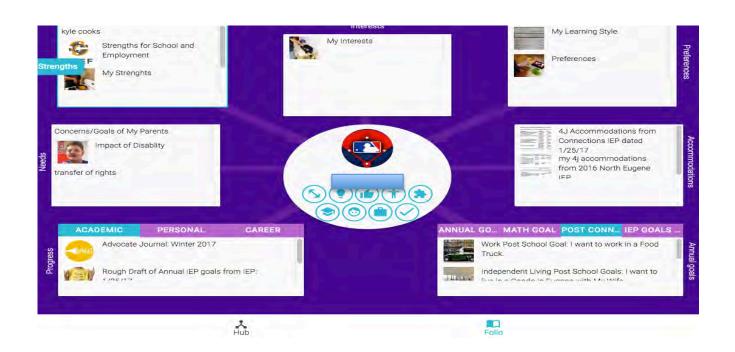
- Student engagement
- Parent engagement
- Virtual teaching tool
- Interagency collaboration

#### How many times have you heard a student say:

"I've been looking forward to this all week!"

(When talking about an IEP meeting)

# Kyle's MyLife







Work Post School Goal: I want to work in a Food Truck.

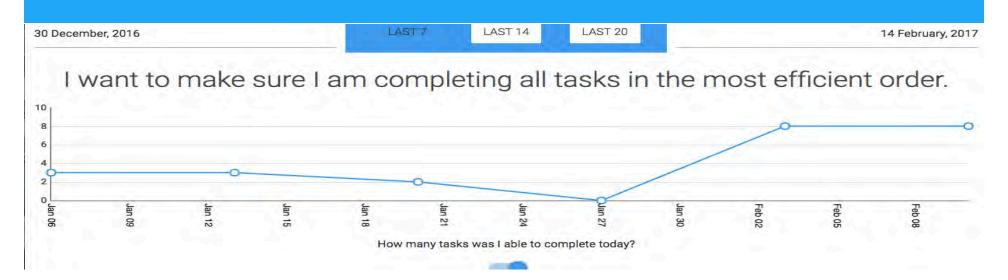
#### Progress on Vocational Skills Goal



#### Tracking a Team Collaboration Goal



#### Progress on Vocational Skills Goal



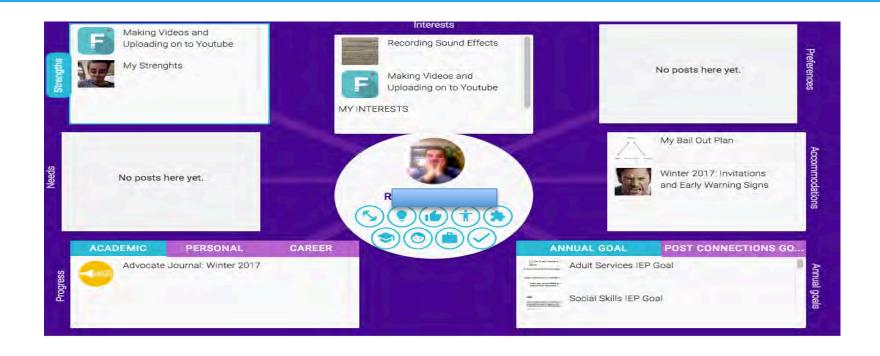
## Gavin's Portfolio



# Gavin Rocking his IEP



## Ryan's Portfolio







Vocational Post School Goal: I want to be employed in the film industry as a director, writer, actor and sound designer.

# Utilizing Portfolios for Connecting with Transition Team Members





## Information Sharing is Key

- Transition specialists
- Job developers
- Voc Rehab Counselors
- Employers
- Families
- New employees

## Outcomes





#### Summary of Student-Directed IEP Elements

- Development of post-secondary goals
- Involvement in creating annual IEP goals
- Advocating for Accommodations (in their own words)
- Expressing personal PINS (preferences, interests, needs, strengths)
- Capturing Work Samples
- Tracking Academic and Vocational Progress
- Making Linkages to Adult agencies

#### One Year Outcomes

Students involved in beta testing:  Students involved in weekly user group class:  Teachers involved in testing and class:	40
	23
	4

Students who've run all or part of IEP meeting 14

**Student Satisfaction:** "I'm really looking forward to my IEP meeting this week."

Parent Satisfaction: "Thank you for a great IEP meeting."

**Teacher Satisfaction:** "I never get thank you notes after IEP meetings."

**Administrators**: A request to expand the program into high schools and middle schools

Increasing interest from other districts and college programs

#### What's Next?

- Evaluate the impact of self-direction on students, parents, and educators
- Make sure what we're developing solves real problems across the lifespan
- Offer features that help with allocation of scarce resources
- Provide streamlined integration and data reporting to facilitate accountability and quality assurance
- Create student-facing apps for self management and institutional memory to address the problem of staff turnover
- Respond to lifespan need of individuals with cognitive disabilities and those who support them
- Localization for different languages and cultures

# Life management apps for people who see the world a little differently



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