Data Collection Connection

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Financial Disclosures & Housekeeping

Financial & Non-Financial

❖ Financial
❖ Non Financial

Housekeeping

❖ During tonight's presentation, a <u>CODE word</u> will be spelled out throughout the presentation.

❖ Please make sure that you <u>write down the letters</u> during the presentation as this will be a question on the quiz.

❖ Please pay attention because they <u>cannot be repeated</u>.

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Objectives:

At the conclusion of this course, participants will be able to:

1. Identify at least 2 factors that impact data collection format
2. List at least 2 challenges to data collection
3. List at least 2 strategies to create efficient data collection environments

Secret Letter
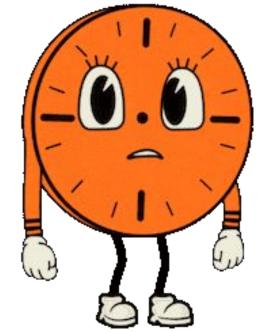
Why do we need to take data?

- ❖ You will never remember everything that happened in a session
- ❖ Even if you have daily billing built into your schedule, something will always interrupt you or get in the way
- ❖ Ethically, your data should drive your therapeutic choices, IEP present levels, and goals.
- ❖ Auditing
- ❖ Subpoenas
- ❖ Establish a tally symbol set that will be easy to interpret or have a key available if another therapist should need to quickly take over your caseload in an emergency

The Time Crunch

The beginning of the year is chaotic!

❖ Save time with figuring out the best way to create student folders
❖ Don't be afraid to use digital approaches, even if you're not tech savvy!
  ➢ Even taking the time to type out student info/goals on paper options prior to printing will save a lot of time!
❖ Creating a data collection system can be a time drain
❖ Reproducing your system for continual use can also be time consuming
❖ Data sheets also require periodic maintenance:
  ➢ Update IEP goals after annual reviews
  ➢ Student schedule changes
  ➢ Therapy schedule changes

Requirements for Billing

Ensure that your documentation includes all required information! Consider the components needed for your district including, but not limited to:

❖ Time/Duration
❖ Domain
❖ Group/Individual
❖ # of Group Members
❖ Activity Description
❖ Accuracy/Percentage
❖ Prompting/Support level

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Population Driven Service Type

- ❖ Student populations will drive your service delivery type and approach
- ❖ Primarily pull out services will require different data collection than primarily push in services
- ❖ Mixed caseloads may have multiple data collection needs
- ❖ Dynamic schedules (block scheduling, rotating class schedules) may require a more dynamic data collection format
- ❖ Consider data collection formats that the students can use to engage in self-monitoring (phonological awareness, speech production, fluency strategy use, etc)

Secret Letter

Considerations for Selecting Data Collection Method

❖ Population
❖ Service Delivery Format
❖ Group Size
❖ Time and ease required to create/reproduce
❖ Language vs Speech Formats
❖ Group data collection vs Individual Student Folders
❖ Ease of transferring to billing platform
❖ Ease of access to analyze data to drive IEP writing, assessments

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Strategies for Efficiency

- ❖ Prepare/print data sheets ahead of time to reduce scrambling at therapy time
  - ➢ Print during morning planning time or at the end of day
  - ➢ Print on Friday for the following week
- ❖ Carve out specific time in your schedule to prepare and document data/billing
- ❖ Don't be afraid to use color coding
  - ➢ Using colorful paper
  - ➢ Using colorful pens/highlighters
  - ➢ Select specific colors for speech targets or language targets to support mixed groups
- ❖ Create shortcuts to data sheets on your Google Workspace
- ❖ Bookmark data sheets on your browser
- ❖ Place Google Sheets/Docs in your iPad dock
- ❖ Download for offline use
- ❖ Print QR codes to place on student folders or binder rings

Additional Tools to Encourage Student Self-Monitoring

❖ Clickers [Amazon](#)

❖ Push Pop Fidget Toys [Amazon](#)

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Digital Data Collection Options

Google Sheet (Group)

[Google Sheet (group)](#)

❖ Each tab represents one full day of therapy
❖ Create a master tab that can be duplicated for each day

TIME	STUDENT	GOALS	ABSENT	ACTIVITY	DATA										ACCURACY	PROMPTS
					1	2	3	4	5	6	7	8	9	10		
8:30	Simone Biles	2-step (actions, attributes, spatial)	☐	There was an Old Lady Who Swallowed a Bat	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	0%	none
		3-4 word utt/functional comm			☐	☑	☑	☐	☑	☑	☑	☐	☑	☐	60%	mod
		wh- ?			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	0%	
9:00	Wanda Maximoff	wh- ?	☐	Little Bee Little Stories	☐	☑	☑	☑	☑	☐	☑	☑	☐	☐	60%	min
		3-5 word utt			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	0%	
		1-3 syllable words			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	0%	
	Loki Laufeyson	stopping	☑												0%	
		/s/													0%	
		/f/													0%	
		/ch/													0%	
	James "Bucky" Buchanon	listening comprehension	☐	Little Bee Little Stories	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	0%	
		spatial/stories/pictures			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	0%	
		wh- ?			☑	☑	☐	☑	☑	☐	☑	☐	☐	☑	60%	mod
10:00	Sunisa Lee	4-5 word utterance	☐	Cariboo	☑	☑	☑	☐	☑	☑	☑	☑	☐	☐	70%	min
		wh-? (nouns/verbs/descriptors)			☐	☑	☑	☐	☑	☑	☑	☐	☑	☑	70%	min
		2-step (spatial/descriptors)			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	0%	

Google Doc (Individual)

Google Doc (Individual)

- ❖ Can be completed online or printed
- ❖ Ideal for digital student files or hard files
- ❖ This format leaves a lot of flexibility for extensive qualitative notes (may benefit school psychologists)

Cory Matthews

March 6, 1985/ 8th Grade/ Mr Feeny

Information

IEP Review Date: 9/9/21

Triennial Review Date: 9/9/22

Service Type: Pull out/Push in/Support Facilitation/Consultation/Collaboration

Frequency: 20 min/2x per week

Parent/Guardian Information

Alan Matthews
- Phone:
- Email:

Amy Matthews
- Phone:
- Email:

IEP Goals

1. Language:
2. Speech:

Weekly Data Collection

Date	Time	Goal	Activity	Accuracy	Prompts
8/15/21	9:00-9:30	1	Cariboo	+-+--++--++++	moderate

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Google Forms

[Google Form (Individual)](#)

[Google Form (Caseload)](#)

- ❖ Can create one for your entire caseload or multiple for individual students
- ❖ Repeatedly fill out the form for each student
- ❖ Unfortunately, there is not Google Form app
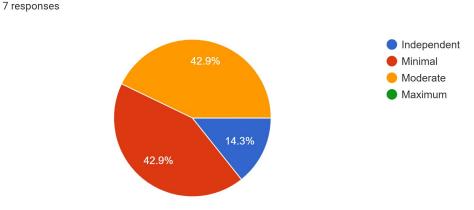- ❖ Requires internet

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Google Forms

| Student Name	Date	Time	Speech Goal [/r/]	Speech Goal [/l/]	Language Goal	Accuracy	Support Level
Lara Jean Covey	8/16/2021	9:00:00 AM			identify synonyms	80%	Minimal
Lara Jean Covey	8/18/2021	9:00:00 AM			identify antonyms	80%	Moderate
Peter Kavinsky	8/16/2021	9:00:00 AM	intial			95%	Independent
Peter Kavinsky	8/18/2021	9:00:00 AM	blend, word level			85%	Minimal
Wanda Maximoff	8/17/2021	8:00:00 AM		intial, phrase level		65%	Moderate
Wanda Maximoff	8/19/2021	8:00:00 AM		medial, word level		70%	Moderate
Wanda Maximoff	8/20/2021	8:00:00 AM		final, word level		75%	Minimal
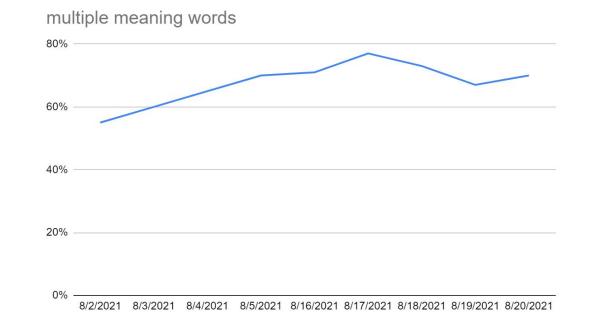
❖ Responses placed in a Google Sheet that can be organized by student name
❖ If tech savvy, you can further analyze data into pivot tables
❖ Responses automatically generate graphs/charts/visual representations
❖ Use/print QR codes to fill out on your phone

Support Level
7 responses

● Independent
● Minimal
● Moderate
● Maximum

42.9% 42.9% 14.3%

Google Forms

❖ With individual student data organized in Sheets, you can generate line graphs to show progress
❖ These can be presented in IEP, RTI, or dismissal/exit meetings
❖ You can create pie charts to visually represent your caseload to indicate staffing needs

multiple meaning words

Use QR Codes

You can create and print QR codes to laminate and put on binder rings or place on clipboards/student folders

1. Use a QR Code Generator (Google one for free)

   [Google Chrome App](#)

2. Copy the link to your data sheet into the generator
3. Download the image of the QR code

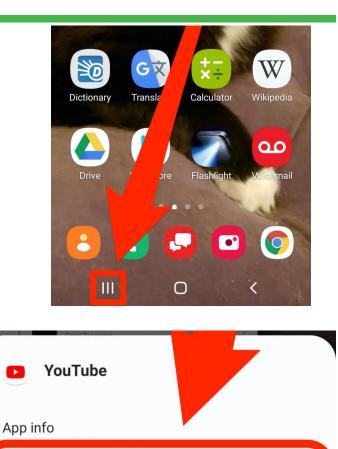4. Use your smartphone camera to hover over the code and open the link

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iPad Split View

1. Open your app (activity)
2. Swipe up from the bottom of the screen to open the Dock
3. On the Dock, touch and hold the second app that you want to open
4. Drag it off the dock to the left or right edge of the screen

Android Tablet Split Screen

1. Open Recent Apps menu
2. Locate the app you want to use. Tap and hold the app to open a menu. (Some apps can't be used in split screen)
3. Once the menu opens, select "Open in split screen view"
4. Select the second app you want to use

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When in doubt, Google it!

Paper Data Collection Options

Individual

Teachers Pay Teachers: SLP Now (free)

- ❖ Editable PowerPoint format
- ❖ Multiple options
- ❖ Digitally fill out student info then print

Individual

[Teachers Pay Teachers: Primary Punch (free)](#)

- ❖ No editing necessary
- ❖ Single use
- ❖ PDF format
- ❖ Will require frequent printing

THERAPY DATA COLLECTION LOG

STUDENT NAME _____ GRADE _____

AR DATE: _____ CAT: _____ FREQUENCY _____

ARTICULATION

PHONEMES			LEVEL	PHONOLOGY	NOTES
☐ B	☐ K	☐ J	☐ ISOLATION	☐ FCD	☐ INTELLIGIBILITY
☐ D	☐ G	☐ TH (V)	☐ SYLLABLE	☐ GLIDING	
☐ T	☐ F	☐ TH (NV)	☐ WORD	☐ FRONTING	
☐ M	☐ V	☐ R	☐ PHRASE	☐ STOPPING	
☐ P	☐ SH	☐ VOCALIC R	☐ SENTENCE	☐ CLUSTER RED.	
☐ W	☐ CH	☐ R-BLENDS	☐ READING	☐ VOICING	
☐ Y	☐ S	☐ S-BLENDS	☐ CONVERSATION	☐ NASALIZATION	
☐ L	☐ Z	☐ L-BLENDS			

LANGUAGE

EXPRESSIVE	RECEPTIVE	PRAGMATICS	NOTES
☐ NAME PICTURES	☐ IDENTIFY PICTURES	☐ TOPIC	☐ USE AAC
☐ BASIC VOCAB	☐ BASIC VOCAB	☐ TURN-TAKING	
☐ INCREASE MLU	☐ ID PLURALS	☐ GREETINGS/FAR	
☐ USE PLURALS	☐ ID VERBS	EWELLS	
☐ USE VERBS	☐ SEQUENCING	☐ EYE CONTACT	
☐ WH-QUESTIONS	☐ WH-QUESTIONS	☐ PLAY SKILLS	
☐ OBJECT FUNCTION	☐ OBJECT FUNCTION	☐ USES POLITE	
☐ GIVE DIRECTIONS	☐ FOLLOW DIRECTIONS	FORMS	
☐ NAME CATEGORIES	☐ ID CATEGORIES	☐ EXPRESSES	
☐ COMPARE/CONTRAST	☐ COMPARE/CONTRAST	WANTS/NEEDS	
☐ NAME SYNONYMS	☐ ID SYNONYMS	☐ ASKS FOR HELP	
☐ NAME ANTONYMS	☐ ID ANTONYMS	☐ MAKES	
☐ USE ADJECTIVES	☐ ID ADJECTIVES	REQUESTS	
☐ USE PRONOUNS	☐ ID PRONOUNS	☐ FOLLOWS GAME	
☐ USE MULTI-MEANING	☐ ID MULTI-MEANING	RULES	
WORDS	WORDS	☐ FEELINGS	
☐ SPATIAL CONCEPTS	☐ SPATIAL CONCEPTS	☐ FRIENDSHIPS	
☐ POSSESSIVES	☐ QUANTITATIVE	☐ AFFECTION	
☐ READING COMP	☐ READING COMP	☐ HUMOR	
☐ SUBJECT/VERB			

FLUENCY

STRATEGY	DYSFLUENCIES	LEVEL	NOTES
☐ SLOW RATE	☐ HESITATIONS	☐ WORD	
☐ EASY ONSET	☐ INTERJECTIONS	☐ PHRASE	
☐ STRETCHY	☐ REVISIONS	☐ SENTENCE	
SPEECH	☐ REPETITIONS	☐ CONVERSATION	
☐ LIGHT CONTACT	☐ PROLONGATIONS		
☐ CHUNKING	☐ MUSCLE TENSION		
☐ CANCELLATION	☐ NON-SPEECH BEHAVIORS		
☐ PULL-OUT			

Individual/Group

[Teachers Pay Teachers: Kayla SLP (free)](#)

- ❖ Editable PowerPoint format
- ❖ Has a group format option
- ❖ Established code with guide at the bottom

Individual

[Teachers Pay Teachers: Natalie Snyders (Free)](#)

❖ Weekly (print one per day)
❖ Editable PowerPoint format

		Monday, _____	
8:10-8:30	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)		
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here
Time	**Student(s)** (Class)	S 1: Goals here	S 2: Goals here

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Printer Labels

[Teachers Pay Teachers: Love 2 Teach Speech ($1.00)](#)

❖ Editable Word Doc format

❖ Uses Avery 8460 printer labels

❖ Remove individual labels and transfer to student files

❖ Good for push in support

❖ Once edited in Word, save as a PDF for printing to ensure appropriate formatting

Group

Sticky Note

[Teachers Pay Teachers: Cat Says Meow $3.75](#)

❖ Data sheet included with speech and language bundles
❖ PDF format
❖ Transfer sticky note to individual student files
❖ Can edit the PDF to add names and goals (see next slide)
❖ Time consuming to place sticky notes on transfer sheet
❖ If you are a sticky note lover, you can mass print blank ones at the beginning of the year

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How to Edit PDFs

1. Click [Comment] from the toolbar on the right

2. Select T to add text

3. Click where you'd like to type to add names/goals

datastickies *by CatSaysMeow*

Name: John Ambrose

Date: _____

Goal: ID synonyms

Goal: ID antonyms

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Korsten, Jane. "Meaningful Data - Making Sense of '+' and '-.'" *Perspectives on Augmentative and Alternative Communication*, vol. 11, no. 3, 2002, pp. 10–13., doi:10.1044/aac11.3.10.

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Sweeney, Sean. "Just Google It!" *The ASHA Leader*, vol. 20, no. 9, 2015, doi:10.1044/leader.app.20092015.np.

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Questions? – Contact
<u>Bridge@thesteppingstonesgroup.com</u>

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2021 LIVE Webinar Calendar (4:30 PT and 7:30 EDT)

LIVE WEBINARS

Aug. 18th
Here We Go Again; A Safe Return to In-Person Learning
Sept. 14th
IEP 101: Panel Discussion
Oct. 12th
Nurturing the Potential: Speech and Language Growth through Functional Life Needs
Nov. 9th
Diversity and Inclusion Part 2
Dec. 14th
AAC

ANYTIME WEBINARS

Aug. 19 - Sept. 30
Here We Go Again; A Safe Return to In-Person Learning
Sept. 15 - Oct. 31
IEP 101: Panel Discussion
Data Collection Connection
Oct. 13 - Nov. 30
Nurturing the Potential: Speech and Language Growth through Functional Life Needs
Oct. 13 - Dec. 31
Medical Errors for Speech-Language Pathologists
Trauma 2.0: Moving Beyond ACE's
Nov. 10 - Dec. 31
Diversity and Inclusion Part 1
Diversity and Inclusion Part 2
Dec. 15 - Jan. 31
AAC
Collection of Courses

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