AATJ/JFLA Webinar

日本語教室内における様々な発達障害のある学生への支援

April 2, 2022

Panelists: Takami Taylor, University of West Florida

William Matsuzaki, All Saints' Episcopal School

Mariko Moroishi Wei, Purdue University

Facilitators: Kimiko Suzuki, Haverford College

Yoshiko Saito-Abbott, California State University, Monterey Bay

AATJ Professional Development Director

AATJ Membership

Membership registration: https://www.aatj.org/membership (January 1 - December 31)

- Quarterly newsletter, semiannual journal
- Member rate for two annual conferences (ACTFL, AAS)
- Professional development programs
- Japanese National Honor Society (high school or college level)
- National Japanese Exam
- Membership in a regional or state Japanese language educators' association
- Teacher Awards
- Special Interest Groups

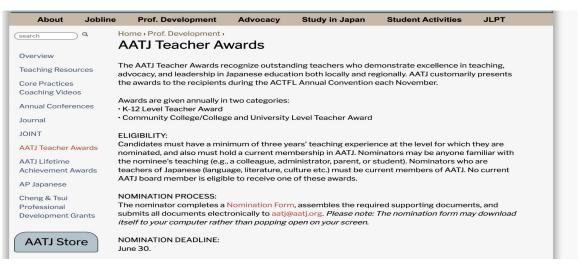
JNHS



AATJ Teachers award for K-12, Higher Ed

Deadline to nominate is 6/31 So...Start thinking now about a colleague to

nominate





In-Person

<u>Virtual</u>

WORKSHOP & SCREENING: SAMURAI NIGHTS IN ARIZONA



ON-DEMAND: BOOK CLUB CONVERSATION



ART EXHIBITION

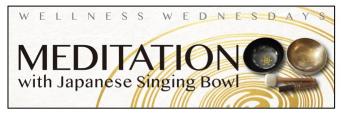


JF NIHONGO - SPRING 2022 ONLINE JAPANESE CLASSES

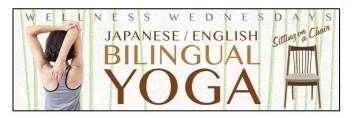


Wellness Wednesdays

Live on FB every Wed. @ 12:30pm PST







JF E-Library

Coming later this spring!

- DVDs/Blu-Rays
- Textbooks
- Authentic reading materials



Protocols

- Please mute your mic.
- Please use the Chat Room for questions only.
- Feel free to respond to the question in Chat.
- There will be time for Q&A at the end.
- Please complete the evaluation and the PD survey after the webinar.

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日本語教室内における様々な発達障害のある学生への支援

Takami Taylor: University of West Florida (15 minutes)

William Matsuzaki: All Saints' Episcopal School (15 minutes)

Mariko Moroishi Wei: Purdue University (15 minutes)

"Teaching reading comprehension to JFL Learners with autism spectrum

disorders: A pilot study"

Q and A (10 minutes)

Discussion: (20 minutes)

Takami Taylor: University of West Florida

Designing the First Step of a Function-Based
Support Plan

Takami Taylor, M.A., BCBA



The Board Certified Behavior Analyst® (BCBA®) is a graduate-level certification in behavior analysis. Professionals certified at the BCBA level are independent practitioners who provide behavior-analytic services.

https://www.bacb.com/bcba/

BCBAとは、行動分析(ABA)のサービスを提供することが国際的に認定された者(認定行動分析士、Board Certified Behavior Analyst)。ABAの専門家としての一定の教育(大学院の授業)と専門的な実習の基準を満たし、テストに合格した者を行動分析士認定協会BACB®: Behavior Analyst Certification Board®)が認定。

Applied Behavior Analysis ABA 応用行動分析とは

行動科学の1つで、人間の行動を個人とその人がいる環境の相互作用の枠組みの中で分析し、行動の基本原理を使って、実社会の諸問題解決に応用していこうとする学問。1960年代から始まり、50年以上にわたりその効果や応用に関する様々な研究がおこなわれている。

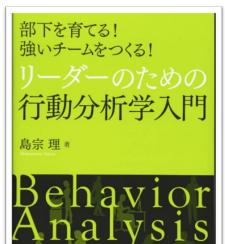
Applied Behavior Analysis (ABA) is the science human behavior and the application of behavior principles to change socially significant behavior to a meaningful degree (Cooper, Heron, & Heward, 2007) and its experimentation is used to identify the functional relationship between the environment and a particular behavior.

ABA 応用行動分析とは

「ABA」=「応用行動分析学」とは、行動の流れを分析し、行動がおこる「きっかけ」と行動がおこった「結果」を操作することで、行動をかえていく手法









----Q割。できたい人が

行動分析学でで 社員のやる気を 引き出す技術



ba phess

リハビリテーションのための 行動分析学入門

エビデンスのある 「ほめる」「しかる」を 手に入れたいから…

支援入門

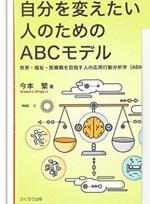
教室の中の 応用行動 分析学

有川 宏幸 8

なぜ「行動問題」 あなたが「怒鳴る は起こるのか? のはなぜか?

その「行動」には理由がある

企業を発表を含む







INSHO
一つで、日の卵の打動をそのまま対象とし、打動をす が対応感をしています。他の多のの研究とは取り 解例を進むの剥きや能力のせいにはしないところ

Paran elid coloyment educational

What is Behavior? 行動とは何か?

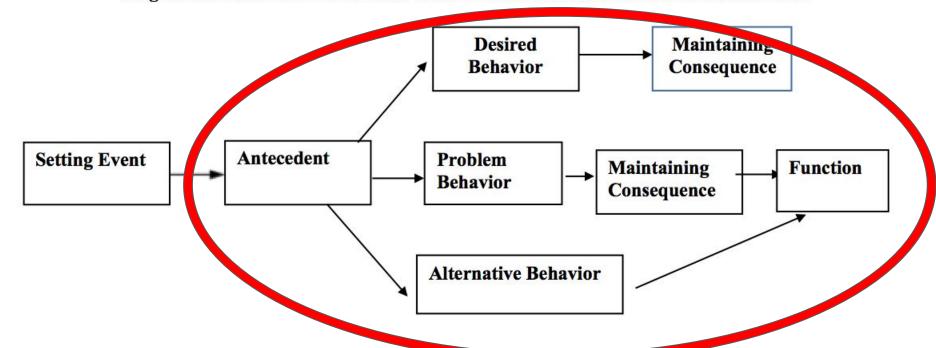
- An observable and measurable act that a person does.
- Behavior is the product or result when an organism interacts with its environment.



"If a dead man can do it, it ain't behavior. And if a dead man can't do it, then it is behavior" (Marlott & Trojan Suarez, 2004, p.9)

Function-Based Supports for Students with Problem Behavior

Diagram 1 BEHAVIOR SUPPORT PLAN: COMPETING BEHAVIOR PATHWAY



https://socialinnovationsjournal.org/editions/issue-39/75-disruptive-innovations/2615-the-competing-behavior-pathway-model-developing-function-based-supports-for-students-with-problem-behavior

Functions of Behavior 行動の機能



行動の機能:その行動の目的?

- ①獲得(何かを得たい)Acess
- ②逃避、回避(逃げたい、したくない) Escape
- ③注目(良くも悪くも)Attention ④自己刺激(感覚的な気持ちよさ)Sensory

発達障害 ADHD その他 トゥレット症候群 吃音など ※DSM-IV-TR、DSM-5、IDC-10を参考にし、わかりやすく簡易的にまとめたものとなります

学校に通う時期



落ち着きがない 片付けや整理が苦手



空気がよめない

https://kidsinfost.net/disorder/illust-study/neurodevelopmental_disorders/ 大人になると



仕事のミスが多く 長続きしない



うまくこなせない



https://tinyurl.com/yn57yh5w



1人遊びが好き

Fしい場所や活動は不安



あれもこれもやりたい

繰り返し勉強しても わからんものはわからん



好きなものへの 気持ちは人一倍強い



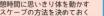
話したいことが 上手く伝わらない





長時間じっとしていることに、他の 人よりも神経を使う

- ▶休憩時間に思いきり体を動かす ▶エスケーブの方法を決めておく



目先の利益に目が行きやすい



衝動性があり、中長期的な損益を考 えて行動することが難しい

▶因果関係を整理して伝える ▶褒めるなど、活動の成果を感じて もらうための働きかけはできるだ

け即時的に行う

忘れ物が多い



不注意の特性から忘れ物が多い ▶メモとりの習慣づけをしたり、リ マインダーアブリを活用する

▶他のクラスに借りに行くなどの処 世術を覚える



プリントがしわくちゃにならないよ うファイルを使用するなど、便利ツ ールの活用方法を教えてあげられる とよいでしょう。

集中の持続が難しい



- 受動的な活動中、気がそれやすい ▶周囲が声をかけ、注意を引き戻す
- ▶情報を伝えるときには、注意を向 けやすいよう視覚化する

整理整頓が苦手 ADHDとひとくちに言っても、多 動・衝動性が目立つ子と、不注意

でぼんやりしているように見える 子とで、真逆の様相を示します。

られがちですが、日々、集中した り活動するためにたくさんのエネ ルギーを使っているという ことをご理解ください。





Response Class



ABC recording



アセスメント Aどんな状況で Bどんな行動が起き Cどんな結果生じた

ABC Checklist (Assessment)

Function of behavior

(1)Acess?

2Escape?

Aどんな状況で

Antecedent(先行刺激)

- □Demand(task)
- □Demand(wait, stop)
- □(activity) interrupted
- □ltem/activity restricted
- □Attention divided or

restricted

- **□Unstructured time**
- □ Transition
- □New task/activity
- **□Loud, noisy environment**
- **□schedule/routine change**
- □ Other

Bどんな行動が起き

Behavior (行動)

- **□Disrupting class**
- ⊓Refusal to follow directions
- □Leaving class
- **■Negative statement about** self
- **□Negative statement about** others/ class
- □class/task unrelated behavior
- ¬Verbal refusal/ threats
- **□Other**

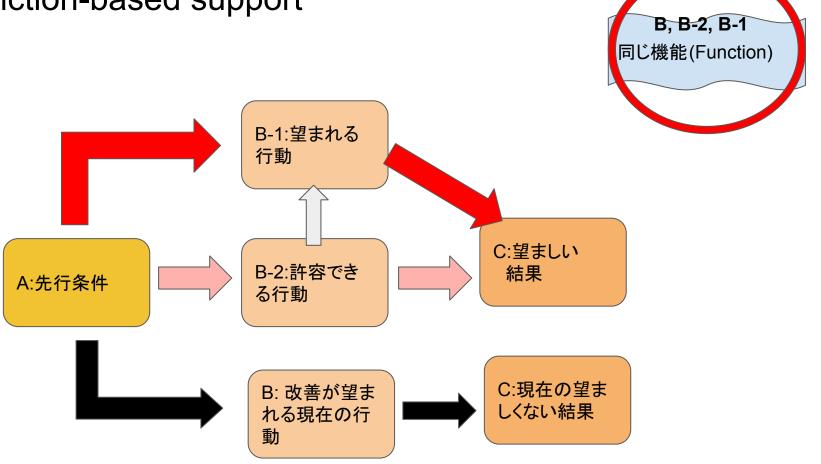
Cどんな結果生じた

Consequence (結果)

- **□Kept demand on**
- **□Verbal redirection**
- □Ignored problem behavior
- **□Verbal reprimand**
- □Removed from task/activity
- □Given another task/activity
- □Left alone/ isolated within class
- □Calming/ soothing
- □Peer remarks/ laugher
- **¬Given undivided attention**
- □Escape from task/ activity
- **□Other**



Function-based support



Facts About Developmental Disabilities

"Developmental disabilities are a group of conditions due to an impairment in physical, learning, language, or behavior areas. These conditions begin during the developmental period, may impact day-to-day functioning, and usually last throughout a person's lifetime." Centers for Disease Control and Prevention

https://tinyurl.com/yckkxsby

No special education after high school

	•		
	IDEA (Individuals with Disabilities Education Act)	ADA (Americans with Disabilities Act)	
法律の種類、 特徴	Education, entitlement 教育、権利	Civil rights legislation of equal access College doesn't need to ensure students success Students may success and may fail like other students	
障害	One of 13 categories	Impairment in major life	
責任	School, State (Parents) 学校、州	Student	
保障	Success サクセス	Equal access 平等なアクセス	
サービス	Evaluation, remediation, special accommodations	Reasonable accommodations Based on functional impairment and impairment in a major life activity	

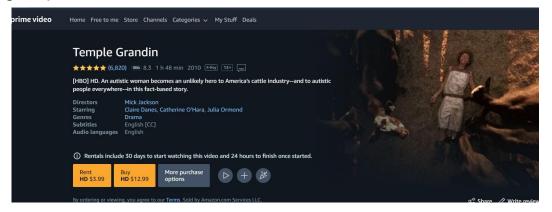


Temple Grandin

TV Movie (2010) TV-PG



Biopic of Temple Grandin, an autistic woman who overcame the limitations imposed on her by her condition to become a Ph.D. and expert in the field of animal husbandry. She loves animals! She developed an interest in cattle early in life while spending time at her Aunt and Uncle's ranch. She did not speak until age four and had difficulty right through high school, mostly in dealing with people. Her mother was very supportive as were some of her teachers. She is noted for creating her "hug box", widely recognized today as a way of relieving stress in autistic children, and her humane design for the treatment of cattle in processing plants, which have been the subject of several books and won an award from PETA. Today, she is a professor at Colorado State University and well-known speaker on autism and animal handling. https://www.imdb.com/title/tt1278469/



「マンガ」を通した発達障害の理解・啓発

https://tinyurl.com/5n78rh99





William Matsuzaki: All Saints' Episcopal School

How to recognize and support students with learning differences and ADD/ADHD in a K-12 setting

Developmental Disabilities

1 in 5 children in the US have a learning and/or attention disability

Learning Disability

ADD/ADHD

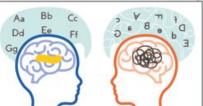
Executive Functioning

of the population

















Affects a person's ability to read, spell, and write. They often read slowly and make mistakes.

Dyslexia does not mean a lack of intelligence. Many people thrive with it, including actors, elected officials, and entrepreneurs.

It is NOT a problem with reading letters backward or changing the order. That is a myth.

May struggle with:

- Sounding out written words
- Spelling
- Reading comprehension
- Word recognition, even with common words
- Learning a foreign language
- Solving mathematical word problems
- May struggle with phonemic and phonological awareness, which is the ability to hear, identify, and change the sound structure of a spoken word (for example, picking out words that rhyme or counting syllables)

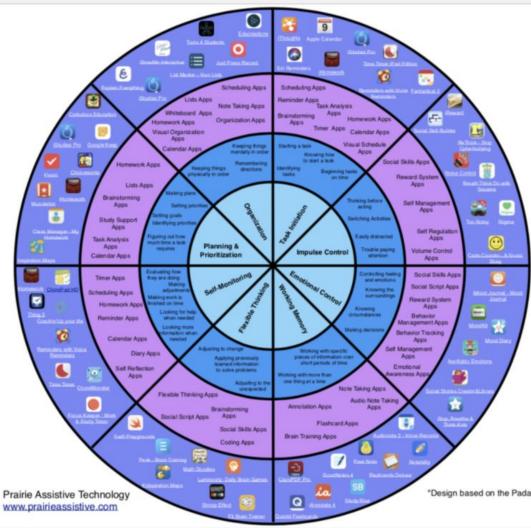
Affects a person's ability to write effectively. Impacts handwriting, typing, and spelling. Rooted in difficulty with memorizing and automatically retrieving letters and numbers.

May struggle with:

- Forming letters
- Writing with proper grammar
- Spacing letters correctly
- Writing in a straight line
- Holding and using a writing instrument effectively
- Messy handwriting
- Often associated with motor skill struggles

Student Lens

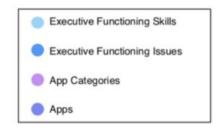
Too much information (Content vs. Skills)	It's a marathon, not a sprint.
The material is not of interest to the students/age group	Predictability and support (consistency)



Apps to Support Students with Executive Functioning Issues

Many students have executive functioning challenges that can hamper their learning. These challenges are complex. Today's mobile devices can be valuable tools to support their educational journey. While apps are not a solution to their problems, they can provide them with supports, strategies and tools to overcome many of the barriers they face. It is important to remember that all students learn differently and selecting apps should be based on the unique learning needs of the student.

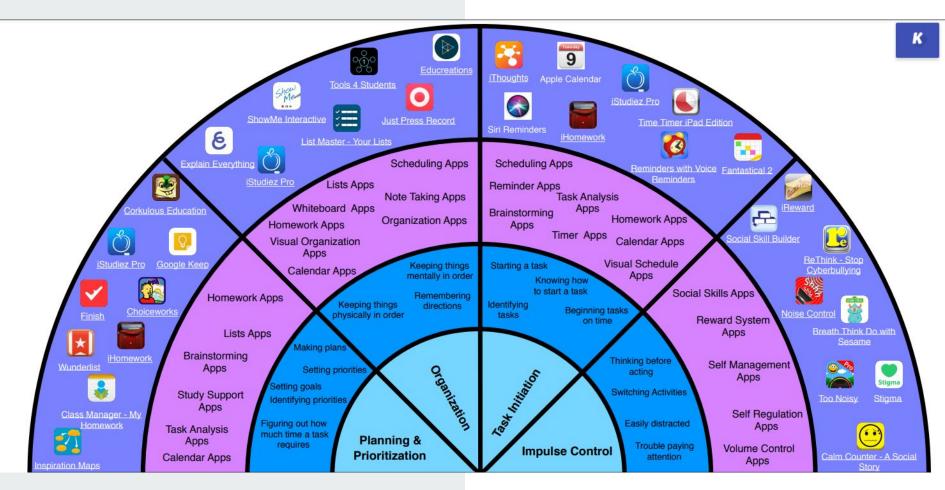
This app list is only a sampling of apps available for each skill area. This is not, nor is it meant to be a definitive list. This list is intended to give you a starting place and a rationale for picking certain apps.

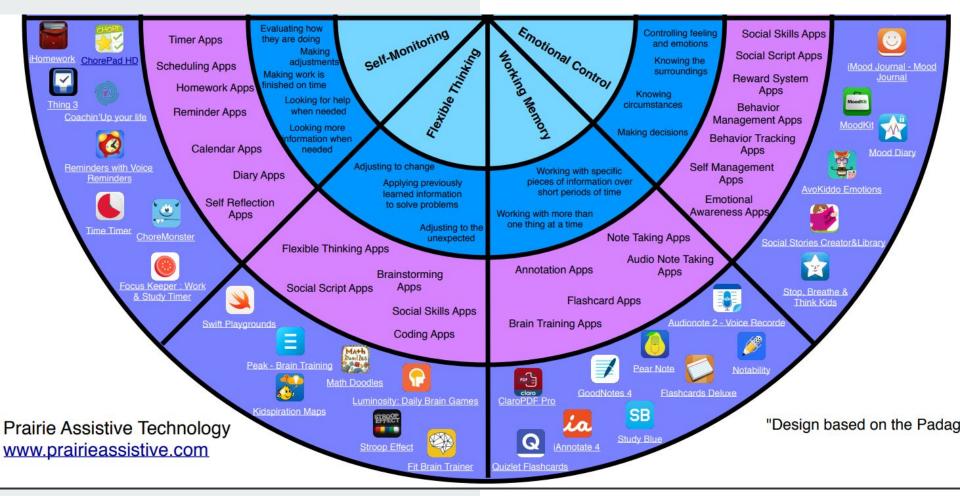


Developed by Mark Coppin December 2018

"Design based on the Padagogy Wheel designed by Allan Carrington and modified by Cherie Pickering"

© Mark Coppin 2018





Activities to Improve Executive Functioning

5 to 7 Year Olds	7 to 12 Year Olds	Adolescents	
Card Games and Board Games	Card Games and Board Games	Goal Setting, planning and monitoring	
Physical Activities	Physical Activities	Tools for Self-monitoring	
Movement/Song Games	Music/Singing/Dancing	Study Skills	
Quiet Activities Requiring Strategy and Reflection	Brain Teasers	Activities outside of the "core classes"	



Five Core Beliefs of Differentiated Instruction

Adapted from Tomlinson & Maker (1982)

Students differ in their readiness to learn	Students learn best with high expectations and support from adults	Students learn best when material is connected to their interests and experiences	Students learn best in a safe community	Schools must maximize every student's capacity
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Case Example

What would you do?

It has become clear to you (in November) that several students in your 8th grade Japanese class are struggling with retaining the vocabulary and applying the grammar. Those students are also finding it difficult to focus and/or to organize their binder.

Mariko Moroishi Wei: Purdue University

Teaching Reading Comprehension to JFL Learners with Autism Spectrum Disorders: A Pilot Study



Reading Comprehension Deficits in ASD

• Hyperlexia:

 Exceptional word decoding ability and phonemic awareness, but no comprehension (e.g., Gilman, 2012; Minshew & Williams, 2007)

• Delay in lexical development:

 Slower vocabulary growth and lower attainment-level (e.g., Charman et al., 2003; Weismer, et al., 2011)

<u>Difficulty in integrating information:</u>

No integration of information from previous text (e.g., O'Conner & Klein, 2004)

• Restricted interests:

Extremely narrow range of topic interests (Mancil, 2008)

Reading Comprehension Deficits in ASD

<u>Difficulties with abstract concepts:</u>

 Difficult to understand abstract words, sarcasm, and metaphors (e.g., Eskes, Bryson, & McCormick, 1990)

Lack of schema usage and inference making:

 Difficulty with prototype and concept formation (e.g., Gastgeb, Strauss, & Minshew, 2006)

• Working memory is underdeveloped:

 Lack of organization, planning, and maintenance of task-related focus (e.g., Barendse, et al., 2013; Kercoods, et al., 2014)

Pilot Study

Participants:

- Two adult JFL learners (1 male, 1 female)
 - Joe: 20-year-old male with ASD and anxiety disorder
 - Maika: 21-year-old female with ASD and ADHD
 - Both were NS of English
 - Enrolled in a directed study with the researcher (two hours/week x 15 weeks)
 - One-on-one interview at the end of the semester (20 30 minutes)

Materials: Reading Texts

	Joe's selections		Maika's selections		Researcher's selections
•	寝台特急北斗星 ポケモンGo 回転寿司 日本で人気のお菓子	•	日本のホラー映画 日本の貧困 動物の親子 日本の英語教育	•	20年後 少女漫画 FIBAワールドカップ グレタ・トゥーンベリさ ん

Reading Instructions

- 1. Explicit vocabulary instruction with visual aids
- 2. Pre-reading questions
- 3. WH-questions (who, what, where, and when)
- 4. Sentence-by-sentence comprehension check
- 5. Graphic organizer
- 6. Identifying main ideas of stories
- 7. Story recall
- 8. Making inferences and predictions

Explicit Vocabulary Instruction (グレタ・トゥーンベリさん)

「砂漠」:砂や石がたくさんあって、雨がほと んど降らない所。



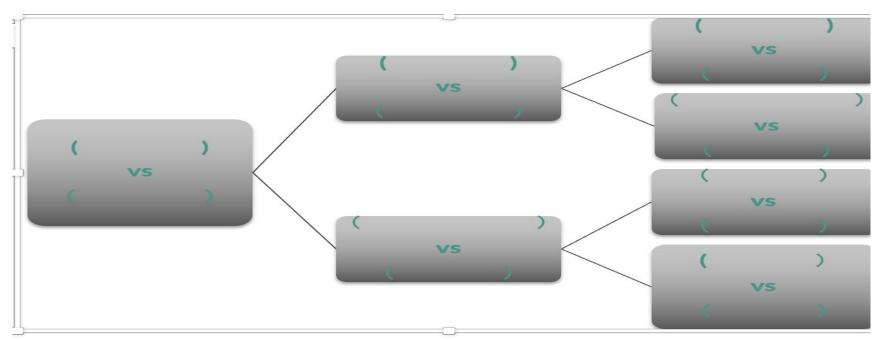




Pre-reading Questions (動物の親子)

- 1)動物は好きですか。ペットを飼ったことがありますか。
- 2)オーストラリア大陸でどんな動物を見ることができますか。
- 3)カンガルーはどんな特徴がありますか。
- 4)カンガルーはお腹に何がありますか。そこに何を入れますか。
- 5)他の動物はどうやって赤ちゃんを運びますか。

Graphic Organizer (FIFA ワールドカップ)



Sentence-by-sentence comprehension check (20年後)

- 「なんでもないよ、お巡りさん。友だちを待ってるだけだ。」
 - (Q:男は何をしてますか?)
- ●「20年前の今日、おれはこのレストランビッグ・ジョー"で大の親友ジミー・ウェルズ と飯を食った。」
 - (Q:レストランの名前は何と言いますか?ジミーとは誰ですか?)
- 「おれは18、ジミーは20だった」
 - (Q:男は今、何才ですか。)
- 次の日の朝、おれは一山当てようと西部に出発した。
 - (Q:「一山当てる」とはどういう意味ですか。)

Exit Interviews: Joe's comments

- "I just love small classes. I feel suffocated and distracted around many people."
- "I don't even like to read in English; I don't like manga either. But this kind of special support sure helps me to read better in Japanese."
- "I'm definitely a visual learner. The words with pictures rocked!"
- "More frequent breaks (during the class) would be nice. I'm such a slow reader, and reading's exhausting."
- "When I took Spanish, I had to read those stupid poems which didn't make sense to me. Then they laughed at my interpretations."

Exit Interviews: Maika's comments

- "I appreciated I could choose my own readings. So much more fun and motivating!"
- "My least favorite (activity) was 'finding the main ideas (of the story)' because you can't find it in texts, and there are no clear-cut answers.
- "Sometimes, I don't even remember what I've just read. So I liked it when you often asked us lots of (comprehension) questions and kept us on track."
- "I don't like to make inferences, 'cause, you know, what's the point of guessing? What if I guessed it wrong?"
- "I still remember the meanings of the words with the pictures."

Discussion

- Colleges don't fall under the Individuals with Disabilities Education Act.
- Different colleges offer different levels of support.
- More and more students with ASD entering colleges (Boyles, 2012)
- Students with ASD: More academic, social, and mental struggles than non-ASD students.(Jackson, et al., 2019)
- 文部科学省(2019):「個別最適な学びと協働的な学びの一致」
- A strong partnership between teachers and students with disabilities is essential for inclusive education.





- Please introduce each other (name and school name)
- Please write discussion summary on the <u>Padelet</u>
- Topic 1: Discuss the following case study from Matsuzaki sensei's talk. What would you do? Who would you talk to? (10 minutes)
 - It has become clear to you (in November) that several students in your 8th grade Japanese class are struggling with retaining the vocabulary and applying the grammar. Those students are also finding it difficult to focus and/or to organize their binder.
- Topic 2: Share your experiences on teaching students with ASD and/or learning disabilities. What worked well or didn't work? What kind of support would have been beneficial? (10 minutes)
- Please return to the mainroom after your discussion at 4:28 p.m. (Pacific time)
- Evaluation in main room