

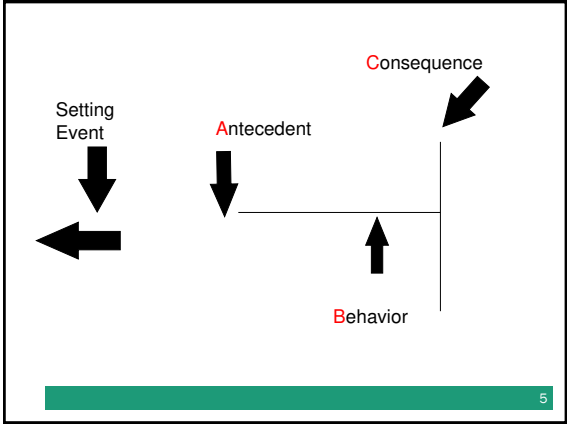


# ABCs of ABA

*Melissa L. Olive, Ph.D., BCBA-D, LBA*

*Chief Clinical Officer*

*Cultivate Behavioral Health & Education*




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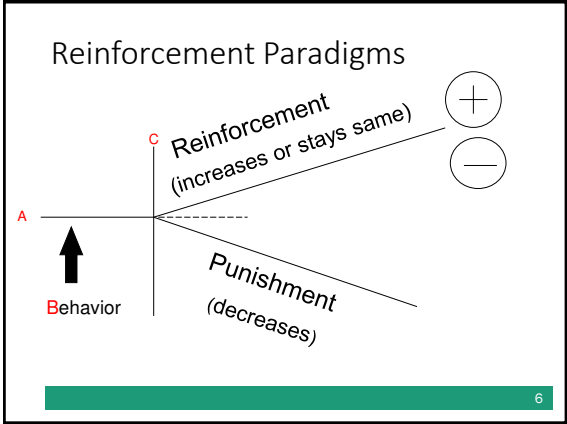
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Environmental Effects on Behavior

**Antecedents (A)**

- Immediately Before a Behavior

**Consequences (C)**

- Immediately After a Behavior

**A+B+C!!**

**Other Antecedents**

- Setting Events (Not immediately before a behavior)
- Establishing Operations (Change value of reinforcer)

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Application to Real Life

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A+B+C!!!!

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See Stop Sign, Stop Car, No Ticket

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Waitress, Order Food, Get Food

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Headache, Take Aspirin, No Headache

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Wake Up, Drink Coffee, Feel GOOD!

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Sheldon/Big Bang Example

<https://youtu.be/JA96Fba-WHk>

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Application to Your Student/Child

Math class, rip up worksheet, sent to office	Circle/calendar time, pinch a peer, sent to time out	Free choice/centers, hit a peer, get the toy peer played with
Meal time, tantrum, avoid green beans and get chicken nuggets	Independent seat work, calling out, teacher reminders to not call out	Parent on phone or doing chores, child tantrum, parent reprimands (and usually has to stop activity)

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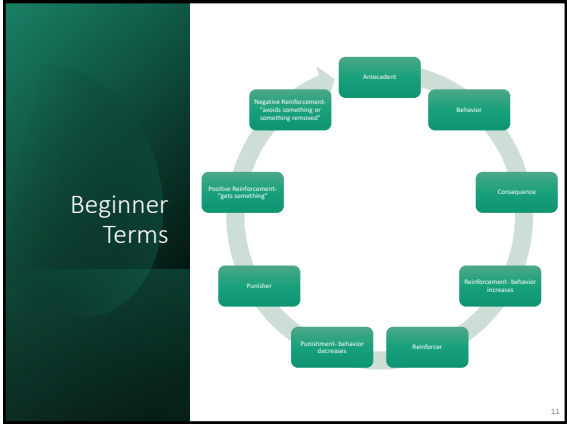
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- ### Techniques to Increase Behavior
- Increasing or Teaching Behaviors
  - Reinforcement (must be faded to natural levels)
  - Prompting (must be faded)
  - Shaping
  - Task Analysis & Chaining
  - Modeling

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### Prompting Procedures

- Adult behavior that assists learner in performing behavior
- Provides learner with assistance
- Must be faded
- Requires systematic fading plan

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Modeling

- Process of learning or changing behavior as a result of observing someone else’s behavior.
- May also be referred to as imitation learning
- Types of Models
  - Live
  - Video
  - Audio
  - Written or pictorial

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## Shaping

- Teaching a new behavior
- Reinforce successive approximations
- Mommy example

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## Chaining

- Creation of task analysis (step by step)
- Ensuring learner acquires all steps
- Forward chaining
- Backward chaining
- Total Task Presentation

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### Goal Selection & Writing

- Goals selected together
- Goals selected based on assessment
- Age-appropriate skills
- Developmental progression
- Immediately useful
- Leads to independence
- Socially significant
- Culturally appropriate

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### Decreasing Behaviors



Reinforcement first



Assessment required



Developed plan based on assessment

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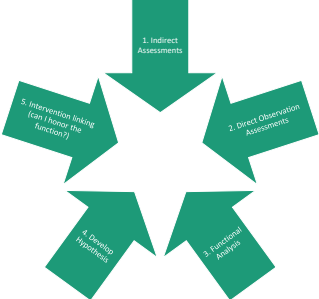
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### Functional Behavioral Assessment (FBA)



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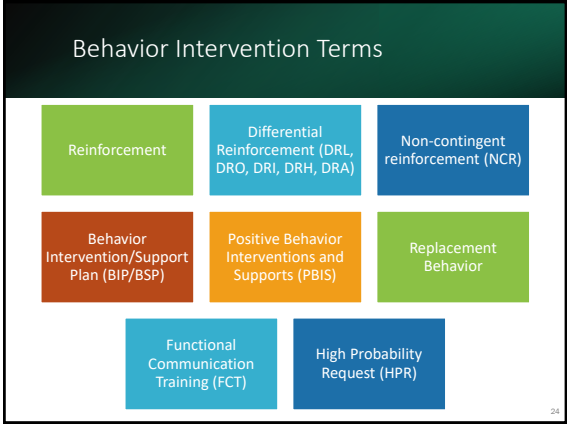
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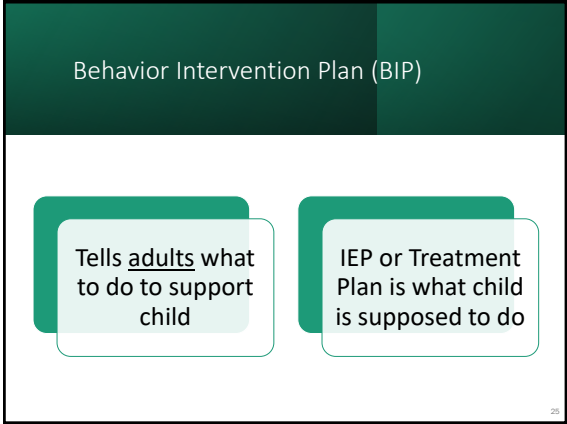
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- Positive Behavioral Intervention and Supports (PBIS)**
- Behavioral Science of Human Behaviors
  - Practical Interventions
  - Assessment-based interventions
  - Teach Communication
  - Increase independence
  - Monitored with data
  - Social & cultural values
  - Behavior change observed across all environments and maintained over time

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### What PBIS is NOT

- Same plan for all children
- Simple form that is created in a meeting
- BIP that is filed away and not implemented
- BIP that includes restraint

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### Belief System

- When a student doesn't know how to drive: teach
- When a child doesn't know how to wash her hands: teach
- When a person doesn't know how to read: teach
- But when a child doesn't know how to behave?

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*If you don't know where you're going, how will you know if you ever get there?*



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### Data Collection Terms

Frequency	Duration	Latency	Interval
Rate	Percent Correct	Task Analysis (TA)	Graphing

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### What are Key Ingredients of ABA Programs?

BCBA oversight (frequent; about 1 hour for every 10 hours of therapy)	Procedures implemented by TRAINED providers	On-going data collection that is graphed regularly
Program adjustments based on the data	Parent involvement	Involvement of other providers

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### Types of ABA Services

 Home versus center-based care	 School services (research on ABA versus eclectic)
 Comprehensive Program (all areas of development)	 Focused Program (one or two specific areas)
 School Consultation	

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ASD Guidelines

- Originally developed by BACB
- Now maintained by CASP
- <https://casproviders.org/wp-content/uploads/2020/03/ABA-ASD-Practice-Guidelines.pdf>

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Contact us

- For services • [hello@cultivatebhe.com](mailto:hello@cultivatebhe.com)
- For questions about ABA: • [missy.olive@cultivatebhe.com](mailto:missy.olive@cultivatebhe.com)

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