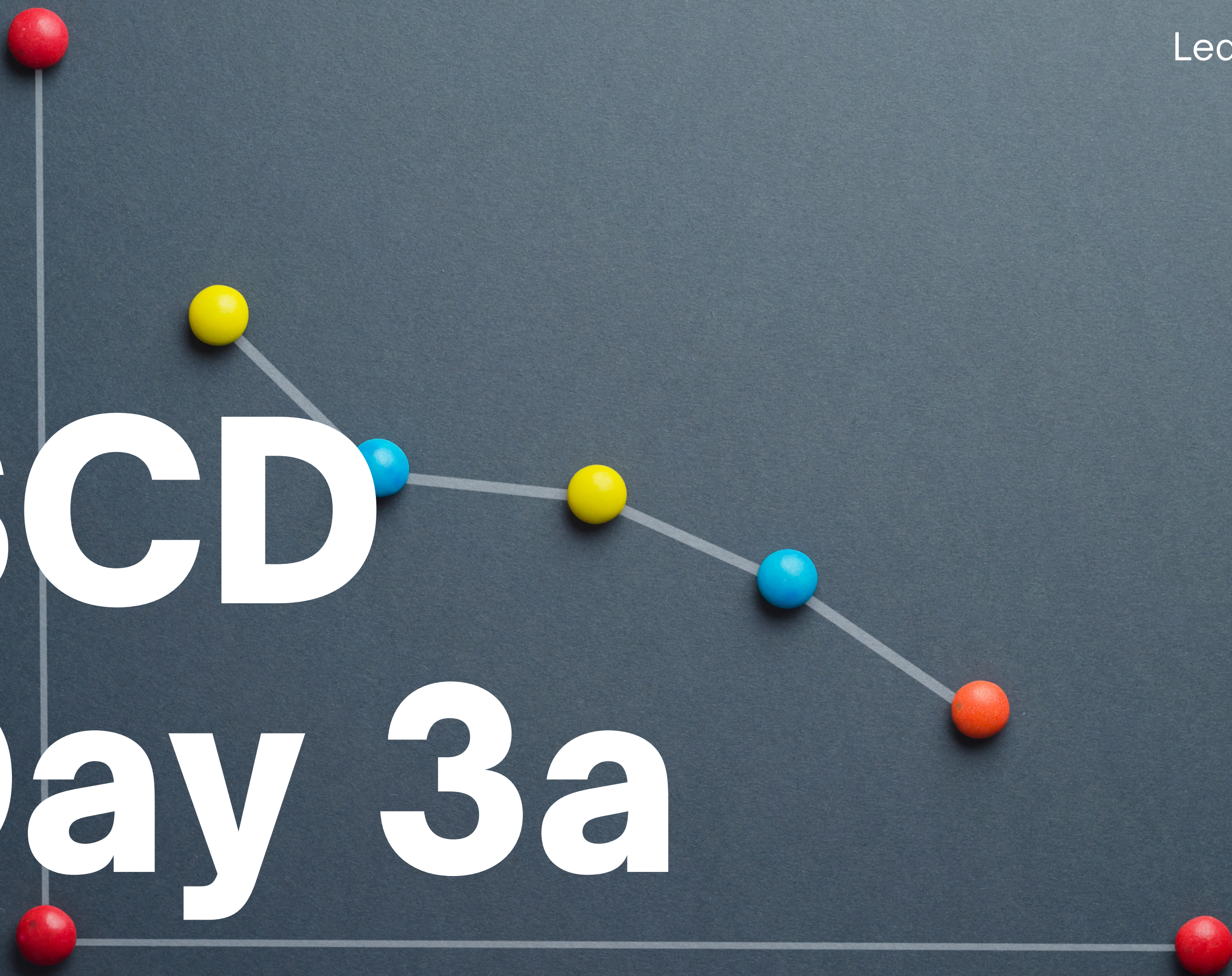


# SCCD

## Day 3a



# What is fidelity?



Adherence to planned experimental procedures

Differentiation between conditions

The amount of intervention received by the participant

# Fidelity: Two Variable Types



## Independent

Materials and behaviors that **CHANGE** across conditions



## Control

Materials and behaviors that are **THE SAME** across conditions

# Direct Systematic Observation & Recording



<b>Trial</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<b>Student Response</b>							
<i>Secure student's attention</i>							
<i>Provide task direction and stimulus (if applicable)</i>							
<i>Provide appropriate wait interval</i>							
<i>Provide prompt</i>							
<i>Provide appropriate consequence</i>							
<i>Write down student response</i>							

.....

# Measurement of Fidelity



## Percentage Correct

Most common



## Number of Occurrences

How many times did a behavior happen



## Within a Range

Were behaviors within a specified range?

# Measurement of Fidelity



## Steps of Time Delay

How many steps were conducted correctly during baseline and intervention?



## How Many Times Adult Imitated Child

This was a component of intervention but a specific number wasn't prescribed



## Within a Range

Did implementer wait 90-150 seconds between trials

# Multiple Levels



## Implementation Fidelity

Did you train implementers as intended? (including ongoing coaching or training)



## Procedural Fidelity

Did implementers implement conditions as intended?

# Reporting of Fidelity

A magnifying glass is positioned over a table of numbers, highlighting a specific row and column. The numbers are arranged in a grid format.

3.0042	1.8890	1.80050
3.3201	1.5095	.83365
3.6693	1.6984	1.9
4.0552	1.9043	2.15
4.4817	2.1293	2.352
4.9530	2.3756	2.577
5.4739	2.6450	2.828
6.0496	2.9422	3.107
6.6859	3.2682	3.41
7.3891	3.6269	3.7
8.1662	4.0219	3.9
9.0250	4.4571	4.2
9.9742	4.9370	4.5
11.023	5.5569	4.8
12.182	6.1323	5.1
13.464	6.7690	5.4
14.880	7.4735	5.7

**Tables**



**Narrative**



**Graphically**

# Measuring Fidelity Well



## Naive measurement

Implementers unaware of schedule



## Meaningful behaviors

More than behaviors that will be done well

# How do you select behaviors?



## Logic Model

What are the processes by which your intervention works?



## Control

Which things are critical to NOT change?



## Feasibility

Briefly elaborate on what you want to discuss.

# Questions?

