

**Assessment of Biobehavioral States:
Supporting Availability for Learning for Students with Multiple Disabilities
including Deaf-Blindness & Profound Intellectual & Multiple Disabilities**

Chris Russell, MS. Ed., TVI



CODING KEY

Behavior State Codes:

AI: Asleep-Inactive
AA: Asleep-Active
DR: Drowsy
DA: Daze
AWIA: Awake-Inactive-Alert
AWAA: Awake-Active-Alert
AWASS: Awake-Active-Self-Stimulatory
CR: Crying
Z: Seizures

Environmental Lighting (L):

Dk: Dark
Dm: Dim
BN: Bright natural (sun)
BL: Bright lamp/lightbulb

Sound Level (SL):

Q: Quiet
LB: Low background noise
HB: High level backgr. noise
N: Noisy, direct

Temperature (T):

C: Cold
Cl: Cool
W: Warm
H: Hot
VH: Very Hot (humid)

Position

SE: Seated
ST: Standing
PR: Prone
SP: Supine
Sl: Side-lying
RP: Repositioning

Social:

A: Alone
P: Proximity (within 3')
PC: Physical Contact
HUH: Hand Under Hand
HOH: Hand Over Hand

Communication partner

N: No partner
T: Teacher
A: Aide
P: Peer

Coding systems partially adapted from:

Arthur, M. (2004). Patterns amongst behavior states, sociocommunicative, and activity variables in educational programs for students with profound and multiple disabilities. *Journal of Developmental and Physical Disabilities, 16*(2), 125-149.

Guess, D., Mulligan-Ault, M., Roberts, S., Struth, J., Siegel-Causey, E., Thompson, B., ... & Guy, B. (1988). Implications of biobehavioral states for the education and treatment of students with the most profoundly handicapping conditions. *Research and Practice for Persons with Severe Disabilities, 13*(3), 163-174.

Student: _____

Date: _____

Data Collectors: _____

Time	Activity	Behavior State	Position	Environmental (Ambient)	Social Context	Communication Partner
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P

Comments: (Include specific ***time***):

Student: _____

Date: _____

Data Collectors: _____

Time	Activity	Behavior State	Position	Environmental (Ambient)	Social Context	Communication Partner
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P
		AI AA DR DA AWAI AWAA CR Z	SE ST PR SP SI RP	L: Dk Dm BN BL T: C CI W H VH SL: Q LB HB N	A P PC HUH HOH	N T A P

Comments: (Include specific ***time***):

Informal Evaluation:

Note any informal trends observed in each behavior state, in relation to: Time, Position, Environmental, Social Context, Communication Partner. For example, AA: Trend Position = Supine (Student was observed generally in Asleep-Active position when supine).

**Do not note trends unless observed specifically.*

Behavior State	Time	Position	Environmental (Ambient)	Social Context	Communication Partner
AI					
AA					
DR					
DA					
AWAI					
AWAA					
CR					
Z					