

TABLE OF CONTENTS

Assessment Issues:

pg.1-3

Psychological and Neuropsychological Assessment

- What are Psychological and Neuropsychological Assessments?
- Why are Psychological and Neuropsychological Assessments important?
- What are the main themes in Psychological and Neuropsychological Assessments?

Cognitive/Academic Issues:

pg.4-107

Advance Organizers

pg.4

- What is an Advance Organizer?
- Why are Advance Organizers important for many students after TBI?
- What are the main themes in organizational support using Advance Organizers?
- Evidence supporting the use of Advance and Graphic Organizers

Attention

pg.11

- What is Attention?
- What are Attention Disorders and why is Attention important after TBI?
- What are the main themes in intervention and support for students with Attention Deficits?

Cognitive Intervention / Rehabilitation

pg.17

- What is Cognitive Intervention/Rehabilitation?
- Why is Cognitive Intervention/Rehabilitation important for many students after TBI?
- What are the main themes in Cognitive Intervention/Rehabilitation and support?

Cognitive and Learning Strategies

pg.23

- What are Cognitive and Learning Strategies?
- Why are Cognitive and Learning Strategies important for many students after TBI?
- What are the main themes in instruction and support for students who need to use Cognitive and Learning Strategies?

Conversation and Cognition

pg.26

- What is a Conversational Approach to Cognitive facilitation?
- Why is a Conversational Approach to Cognitive Facilitation important to students after TBI?
- What are the main themes in a Conversational Approach to Cognitive Facilitation?
- Elaboration Procedures

Errorless Learning

pg.30

- What is Errorless Learning?
- Why is Errorless Learning important for most students after TBI?
- What are the main themes in Errorless Learning instruction & support?

Instructional Pacing

pg.33

- What is Instructional Pacing?
- Why is Instructional Pacing important for students after TBI?
- What are the themes in Instructional Pacing?

Instructional Routines

pg.35

- What is an Instructional Routine?
- Why are Instructional Routines important for most students after TBI?
- What are the main features of Instructional Routines that are important for many students with learning and other cognitive problems after TBI?

<u>Learning Trials</u>	pg.38
What is a Learning Trial?	
Why are Learning Trials important for many students after TBI?	
What are the main features of Learning Trials that are important for many students with TBI?	
Discrete vs. Embedded Learning Trials	
Context Sensitive vs. Decontextualized Learning Trials	
Planned vs. Incidental Learning Trials	
Deliberate vs. Involuntary Learning	
Consequence-Oriented vs. Antecedent-Supported Learning	
Extrinsically vs. Intrinsically reinforced Learning Trials	
<u>Organization</u>	pg.43
What is Organization?	
What Organization problems are associated with TBI?	
What are the main themes in instruction and support for students with Organizational Impairment?	
<u>Retrieval and Retrieval Problems</u>	pg.47
What is Retrieval?	
What Retrieval Problems are associated with TBI?	
What are the main themes in intervention and support?	
<u>Approaches to Teaching: Traditional Training vs. Apprenticeship</u>	pg.50
What is the Traditional Training Model of Teaching? (Performance-Oriented Teaching)	
What is the Apprenticeship Model of Teaching? (Support-Oriented Teaching)	
Why is Apprenticeship Teaching important for students after TBI?	
<u>Word Retrieval and Word Retrieval Problems</u>	pg.53
What is Word Retrieval?	
Why are Word Retrieval Problems important for many students after TBI?	
What are the main themes in intervention and support for students with Retrieval problems?	
<u>Memory and Memory Problems</u>	pg.57
What is Memory?	
What Memory Problems are associated with TBI?	
What are the main themes in intervention and support?	
<u>Cognition</u>	pg.66
What is Cognition?	
Cognition as a collection of relatively independent processes and systems for acquisition and use of knowledge	
Component systems of Cognition	
Component Processes	
Why is Cognition important for many students with TBI?	
What are the main themes in intervention and support for students with Cognitive Impairment?	
<u>Slow Information Processing</u>	pg.72
What is Slow Information Processing?	
Why is Slow Information Processing important for students after TBI?	
What are the main themes of instruction and support for students who are Slow Processors of Information after TBI?	
<u>Transfer of Training / Generalization</u>	pg.75
What is Transfer of Training/Generalization?	

Why is Transfer of Training/Generalization important for many students after TBI?
What are the main features of teaching or training that are important for students who have difficulty Transferring?

Reading Comprehension pg.79

What is Reading Comprehension?
Why is Reading Comprehension important for many students after TBI?
What are the main features of intervention and support that are important for students with Reading Comprehension Problems after TBI?

Concrete vs. Abstract Thinking pg.86

What are Concrete and Abstract Thinking?
Why are Concrete and Abstract Thinking important for many students after TBI?
What are the main features of teaching or training that are important for students who have difficulty with abstract thinking?

Written Composition pg.91

What is Written Composition?
Why is Written Composition important for students after TBI?
What are the main features of intervention and support that are important for students with Written Composition problems after TBI?

Language Comprehension pg.98

What is Language Comprehension?
Why is Language Comprehension important for students with TBI?
What are the main features of intervention and support that are important for students who have difficulty with Language Comprehension after TBI?
Instructional procedures
Evidence regarding intervention for children with language disorders

Self-Regulation/Executive Function Issues: pg.108-156

Problem Solving pg.108

What is Problem Solving?
Why is Problem Solving important for many students after TBI?
What are the main themes in instruction and support for students with TBI who have difficulty solving problems?

Self-Monitoring and Self-Evaluating pg.112

What is Self-Monitoring?
Why is Self-Monitoring important for students with TBI?
What are the main themes in instruction and support for students who have difficulty with Self Monitoring?

Flexibility Versus Rigidity In Thinking and Behavior pg.117

What is Rigidity/Inflexibility?
Why is Rigidity/Inflexibility important for some students after TBI?
What are the main themes in instruction and support for students who are Rigid or Inflexible?

Impulsiveness / Disinhibition pg.119

What is Impulsiveness?
Why is Impulsiveness important for some students after TBI?
What are the main themes in instruction and support for students who are Impulsive?
Student self management strategies: Change the student vs. the environment

Inconsistency in Performance

pg.124

What is Inconsistency?

Why is Inconsistency important for students after TBI?

What are the main themes in instruction and support for students whose performance is especially Inconsistent?

Self-Regulation / Executive Function Routines After TBI

pg.126

What is Self-Regulation?

Why is Self Regulation important for students with TBI?

What are the main features of instruction and support that are important for students with Self-Regulation problems after TBI?

Instructional strategies to assist students with Self-Regulatory difficulties

General format for the most general Self-Regulatory script

General Format for specific scripts

Teaching emotion words and associated concepts and strategies through scripted everyday interaction

Evidence supporting the use of Self-Regulation interventions, including Self-Regulatory self-talk

Transition Routines

pg.139

What is a Transition Routine?

Why are Transition Routines important for students after TBI?

What are the main features of Transition Routines that are important for students after TBI?

Termination/Disarrangement Routines

The Change Itself

Starting/Engagement Routines

Routines to change routines

Initiation

pg.142

What is Initiation?

Why is Initiation important for many students after TBI?

What are the main themes in instruction and support for students who lack Initiation?

Cognitive Egocentrism / Theory of Mind

pg.145

What are Cognitive Egocentrism and Theory of Mind?

Why is Cognitive Egocentrism/Impaired Theory of Mind important for many students after TBI?

What are the main themes in instruction and support for students who are Egocentric and seem to have a poorly developed Theory of Mind?

Perseveration

pg.150

What is Perseveration?

Why is Preservation important for many students after TBI?

What are the main themes in instruction and support for students who persevere?

Behavioral Issues:

pg. 155-208

Anger Management

pg.155

What are Anger and Anger Management Techniques?

Why are Anger and Anger Management important for some students after TBI?

What are the main themes in instruction and support for students with injury who need help with Anger Management Strategies?

Aggression

pg.158

What is Aggression?

Why is Aggression important for many students after TBI?

What are the main themes in instruction and support for students who are Aggressive?

Environmental supports: Prevention

Environmental supports: De-escalation or managing a behavioral crisis

Crisis management Dos and Don'ts

A package of interventions and supports for students who are Aggressive

Teaching Positive Communication Alternatives to Negative Behavior

pg.165

What are Positive Communication Alternatives to Negative Behavior?

Why are Positive Communication Alternatives to Negative Behavior important to students after TBI?

What are the main themes in teaching Positive Communication Alternatives to Negative Behavior?

Teaching Phase 1: Teaching the Positive Communication Alternative

Teaching Phase 2: Systematically re-instate normal expectations for work and compliance

Obstacles to Teaching Communication Alternatives

Behavior Management: Contingency Management

pg.169

What is Contingency Management?

Why is Contingency Management important for students after TBI?

What are the main themes in instruction and support associated with Contingency Management?

Evidence supporting the use of behavioral intervention procedures for children and adolescents with TBI

Behavior Management: Prevention Strategies

pg.177

What are Prevention Strategies?

Why are prevention strategies important for many students after TBI?

What are the main themes in instruction and support for students who have impulse-control problems, do not learn efficiently from consequences, or who for other reasons benefit from prevention procedures?

Evidence supporting the use of Behavioral Intervention Procedures for children and adolescents with TBI

Discipline

pg.182

What is Discipline?

Why is discipline important to students after TBI?

What are the main themes in instruction and support for students who may be difficult to discipline?

Positive Behavior Supports

pg.186

What are Positive Behavior Supports

Why are positive behavioral supports important for students after TBI?

What are the main themes in instruction and support associated with Positive Behavior Supports?

Evidence supporting the use of Behavioral Intervention Procedures for children and adolescents with TBI

Motivation

pg.193

What is Motivation?

Why is motivation important for students after TBI?

What are the main themes in instruction and support for students with apparent motivational difficulties?

Behavior and Behavior Problems after TBI

pg.198

What is Behavior?

Why are behavioral issues important for many students with TBI?

What are the main themes in intervention and support for students with behavioral problems?

Noncompliance

pg.202

What is Noncompliance?

Why is noncompliance important for many students after TBI?

What are the main themes in instruction and support for students who are Noncompliant?

Social/Emotional Issues:

pg. 207-234

Sense of Self / Personal Identity

pg.207

What is Sense of Self?

Why is Sense of Self important for students after TBI?

What are the main themes in intervention and support for students with altered or problematic

Sense of Self after TBI?

Social Competence

pg.213

What is Social Competence?

Why is Social Competence important for many students after TBI?

What are the main themes in instruction and support for students who have reduced Social Competence?

Social Perception

pg.216

What is Social Perception?

Why is Social Perception important for many students after TBI?

What are the main themes in intervention and support for students who have difficulties with Social Perception?

Anxiety and Anxiety Management

pg.219

What is Anxiety?

Why is Anxiety Management important for many students after TBI?

What are the clinical supports and interventions needed for students with brain injury who are anxious?

Depression and Depression Management

pg.223

What is Depression?

Why is Depression Management important for many students with TBI?

What are the clinical supports and instruction needed for students with brain injury who are depressed?

Evidence supporting the use of intervention approaches for children and adolescents who experience Depression after TBI

Friendship and Peer Acceptance

pg.228

What are Friendship and Peer Acceptance?

Why are Friendship and Peer Acceptance important for many students after TBI?

What are the main themes in instruction and support for students who have difficulty with Friendship and Peer Acceptance?

Family Issues:

pg. 232-234

Parenting Styles

pg.232

What are Parenting Styles?

Why are Parenting Styles important for many students after TBI?

What are the main themes in Parenting Styles?

Physical/Medical Issues:

pg. 235-241

Fatigue

pg.235

What is Fatigue?

Why is Fatigue important for many students with TBI?

What are the main themes in intervention and support for students with Fatigue problems?

Seizure Disorders and Seizure Management

pg.238

What is a Seizure Disorder?

Why is seizure identification & management important for many students after TBI?

What are the clinical interventions and supports needed for students with Seizure Disorders after TBI?