**AICE A2 Educational Psychology**

*For each unit of study, go through and highlight/underline 2 concepts from each topic that YOU are most comfortable writing about. Additionally, list a few possible evaluative topic for each unit of study.*

**Unit 1: Perspectives on Learning**

Topic 1: Behaviorist Applications to Learning

-Underlying Theory (Classical & Operant Conditioning)

-Applications of Behaviorism in Schools

-Programmed Learning & Behavior Modification Techniques

Topic 2: Humanistic Applications to Learning

-Underlying Theory (Rogers)

-Applications of Humanism in Schools

-Co-operative Learning, Learning Circles, & Open Classroom, Summerhill School

Topic 3: Cognitive Applications to Learning

-Underlying Theory (Piaget)

-Applications of Cognitive Theory

-Discovery learning (Bruner), Expository Teaching (Ausubel), ZPD (Vygotsky)

Evaluative topics:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

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**Unit 2: Disruptive Behavior**

 Topic 1: Types, explanations, and effects of disruptive behavior

-Types: Conduct, immaturity, bullying, & ADHD

-Explanations and effects of one (or more) of the above (general)

Topic 2: Cause and effects of one disruptive behavior

-Choose from conduct, immaturity, and bullying (NOT ADHD)

Topic 3: Preventive and Corrective Strategies

-Preventive Strategies

-Effective Classroom Management (Kounin, 1990)

-Effective Discipline (Cotton, 1990)

-Corrective Strategies

-Behavior Modification (Presland, 1990)

-Self-Instructional Training (Meichenbaum, 1971)

Evaluative topics:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

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**Unit 3: Teaching & Learning Styles**

Topic 1: Learning Styles and Teaching Styles

-Learning styles: Curry’s (1983) onion model & Grasha’s (1996) six styles of learning.

-Teaching styles: Bennet (1976) formal/informal styles & Fontana (1995) high-initiative /low-initiative

Topic 2: Measuring Learning Styles and Teaching Styles

-Learning: Approaches to Study Inventory (ASI) (Entwistle, 1981) & Kolb's (1976) learning styles.

-Teaching: teacher-centred and student-centred styles (Kyriacou & Williams, 1993)

Topic 3: Improving Learning Effectiveness (study skills)

-The 4-mat system (McCarthy, 1990)

-PQRST method: learning from textbooks

-Strategies for effective learning and thinking (SPELT) Mulcahy et al. (1986)

Evaluative topics:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

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**Unit 4: Motivation & Educational Performance**

Topic 1: Definitions, Types, & Theories of Motivation

-Definition of Motivation

-Types: Intrinsic & Extrinsic

-Theoretical Basis: Behaviorist (Skinner), Cognitive (McClelland), and Humanistic (Maslow)

Topic 2: Improving Motivation

-Behavioral Technique- Brophy’s (1981) Effective Praise

-Cognitive Technique- McClelland’s (1953) Need for Achievement

-Cognitive-Behavioral Technique- Bandura’s (1977) Self-efficacy

Topic 3: Motivation Issues

-Attribution Theory -Weiner (1984)

-Learned Helplessness- Dweck et al. (1978)

-Changing Attributions- Self-Determination Theory (SDT) (Deci & Ryan, 1985; 2000)

Evaluative topics:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

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**Unit 5: Special Education Needs**

Topic 1: Definitions, Types, & Assessment of Special Education Needs (including gifted children)

-Definitions of special education needs and giftedness

-Types & Assessments: Dyslexia, ADHD, Giftedness, Autism spectrum disorders (ASD)

-Assessments: Advantages & Disadvantages

Topic 2: Causes & Effects of one special education need

-Autism (ASD)- Possible Causes of and Effects (characteristics) of Autism

-Dyslexia- (Refer to review literature for content)

Topic 3: Strategies for Educating Children with Special Needs

-Integration vs. Segregation (Focus on Autism)

-Acceleration vs. Enrichment

-For Gifted children- Schoolwide Enrichment Model (SEM) (Renzulli, 1977)

-Strategies for Overcoming Dyslexia

-Alpha to Omega method (Hornsby & Shear, 1976)

Evaluative topics:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

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**Unit 6: Intelligence**

Topic 1: Concepts, Types, and Tests of Intelligence

-Concepts of Intelligence and IQ

-Types of Intelligence Tests: Stanford-Binet, Wechsler (WAIS & WISC), & British Ability Scale (BAS)

-Reliability, Validity, & Predictive Validity

-Intelligence & Educational Performance

Topic 2: Theories of Intelligence

-Factor-Analytic Approach (Cattell, 1971)

-Multiple Intelligences (Gardner, 1983)

-Triarchic Theory (Sternberg, 1988)

Topic 3: Alternatives to Intelligence

-Emotional Intelligence (Goleman, 1995)

-Creativity & Unusual Uses Test (Guilford, 1950)

-Problem Solving Techniques- Means-End Analysis, Planning Strategies, Backwards Searching

Evaluative topics:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

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