## MCS Individuals and Societies IB Psychology YEAR 1 Subject Group Overview

<table>
<thead>
<tr>
<th>Unit Name</th>
<th>Research Methodology</th>
<th>Socio-Cultural</th>
<th>Cognitive</th>
<th>Biological</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Time Frame</strong></td>
<td>33 Hours 22 Days</td>
<td>28.5 Hours 19 Days</td>
<td>33 Hours 22 Days</td>
<td>30 Hours 20 Days</td>
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</tbody>
</table>

### Standards/IB Topics
- **Quantitative Research methods**
- **Elements of Quantitative methods**
- **Analyzing Data**
- **Evaluating Research**
- **Drawing Conclusions**

**Paper 3 integration:**
- **Quantitative methods (strength and limitations)**
- **Elements, Evaluation, and Conclusion in QuaN Research**

**Map and Globe Skills:**
- Not used

**Information Processing Skills:**
- 9. construct charts and tables
- 14. formulate appropriate research questions

**SS Reading Skills:**
- L11-12RHSS3;
- L11-12WHST7;
- L11-12WHST9

**SS Writing Skills:**
- L11-12RHSS1

### Content Specific Information
- **Quantitative (Quan) and The experimental method (lab, field, quasi, natural)**
- **Non-exp methods (correlation and case studies)**
- **Experiment Research Design, Hypothesis/Aim, Variables Sampling Techniques (random, convenience/opportunity, volunteer, purposive, snowball)**
- **Correlation and Causation**
- **Replication**
- **Standardization/Control**

**Social Identity Theory**
- **Social cognitive theory**
- **Stereotypes**
- **Cultural dimensions**
- **Norms**
- **Cultural groups**
- **Enculturation / Acculturation**
- **HL ext:** Impact of Globalization (Assimilation)

**Paper 3 integration:**

**Memory models**
- **Schema Theory**
- **Thinking and Decision Making**
- **Reconstructive Memory**
- **Biases in thinking**
- **The influence of emotion**
- **HL ext:** positive and negative influences of modern technology on cognitive processes

**Paper 3 integration:**
- **QuaLitative methods: interviews (structured, semi-structured, focus groups)**

**Techniques used to study the brain**
- **The brain and behavior**
- **Hormones and behavior**
- **Genetics and behavior**
- **HL:** The role of animal research in understanding human behavior

**Paper 3 integration:**
- **Drawing Conclusions**
- **Map and Globe Skills:**
- **Quantitative methods:**
- **Research:**
- **HL:**
- **Genetics:**
- **Biological:**

**Technological scans**
- **Localizaton**
- **Neuroplasticity**
- **Neurotransmitters and their effect on behaviors**
- **Hormones, pheromones**
- **Genes/genetics/epigenetics**
- **Evolutionary explanations for behavior**

**HL ext:** Animal research

**Paper 3 integration:**
- **Triangulation in QuaNItative Research and QuaNItative (researcher, methodological and data)**
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<tr>
<th>Common Assessments/Performance Projects</th>
<th>Participant variability&lt;br&gt;Validity, reliability (quantitative: external/internal)&lt;br&gt;Data Presentation&lt;br&gt;Ethical Consideration Intro</th>
<th>QuaLitative methods: observations (natural, covert, overt, participant, non-participant, strengths and limitations)&lt;br&gt;Credibility (qualitative)&lt;br&gt;Ethical considerations (reporting and apply to findings)</th>
<th>Data presentation, inductive content analysis, statistics&lt;br&gt;Generalizability/Transferability</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Biological Psychology Assessment Paper using command term “Discuss”&lt;br&gt;Paper 3: credibility in findings assessment using command term “Discuss”</td>
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</tbody>
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Marietta City Schools teachers provide specific differentiation of learning experiences for all students. Details for differentiation for common learning experiences are included on the district unit planners.