

**AICE Psychology Summer Assignment: Vocabulary 2019-2020**

**Assignment due the first day of Class**

**Define and create flash cards for the following terms:**

**Independent variable**

**Dependent variable**

**Laboratory experiment**

**Field experiment**

**Natural experiment**

**Validity**

**Reliability**

**Generalizability**

**Ecological validity**

**Inter-rater reliability**

**Case study**

**Structured interview**

**Unstructured interview**

**Semi-structured interview**

**Overt observation**

**Covert observation**

**Aim and Hypotheses of a study**

**Directional Hypothesis**

**Non-directional hypothesis**

**Null hypothesis**

**Types of data (quantitative and qualitative)**

**Types of experimental design (independent measures, repeated measures and match pair)**

**Types of sampling method (opportunity, random, volunteer)**

**Ethical guidelines (informed consent, debrief, privacy, confidentiality)**

**Measure of central tendency (mean, mode, median, range, standard deviation)**

**Bar chart**

**Histogram**

**Scattergraph**

**Correlation**

**Issues and debate for AS level (nature vs nurture)**

**Individual vs situational explanation**

**Approaches to Psychology (biological approach, learning approach, cognitive approach, social approach)**