

# IHAD Summer Camp

## *Key Vocabulary*

### **Day 1**

**Mass** – The amount of stuff in an object

**Matter** – Anything that has mass and takes up space

**Solid** – A state of matter with a definite size and shape

**Liquid** – A state of matter with a definite size but no definite shape, takes the shape of its container

**Gas** – A state of matter that has no definite shape or size, takes the shape and size of its container

**Molecule** – Tiny building blocks, or particles, of matter

**Particle** – A very small bit of matter

**State of Matter** – The basic forms in which matter is found: solid, liquid, gas (and plasma and BEC)

**Phase** –

**Analyze** – To examine something to find out what it is or what makes it work

**Conclusion** – Final decision reached by reasoning

**Classify** – To group things together based on qualities

**Observation** – Facts that are gathered by using the senses

**Result** –

**Recording Data** – Writing down (in words, pictures, or numbers) the results of observations of an object or event