

Grades 1-3 Scientific Terminology

Term	Definition (Teacher Definitions)
Investigation	Carry out a systematic or formal inquiry to discover and examine the facts to establish the truth. (An answer to the question)
Predict	Answer to a question of what might happen based on prior knowledge
Procedures	Process followed in an Investigation that everyone follows
Observations	Using senses to notice and describe what is happening e.g. watching falling apple from a tree Smelling odor from garbage Touching rough or smooth surfaces of materials
Accuracy of Data Collection	Correctness of observation recorded
Analyze Data (Grade 3)	Process of carefully examining/inspecting data to uncover changes, patterns and trends to answer a question
Data	Facts, figures, measurements or observations collected and recorded (grade 1 & 2 observational data only) Grade 3 includes measurement
Inference	Using background knowledge to explain what is happening <div> <div>Observation</div> <div>The apple has soft, brown spots</div> </div> <div> <div>Inference</div> <div>The apple is rotten</div> </div>
Conclusions	Making inferences (using background knowledge) to answer the question (claim) based on data.