

MATTER UNIT SUGGESTED TIMELINE - GRADE 3

Week #	Core Concepts
1	What is science? Science process skills
2	Matter is anything that has mass and takes up space Matter can be observed using our senses (qualitative observations)
3	Matter can be measured using tools (quantitative observations)
4	Matter exists in three common states: solids, liquids and gases
	Solids have a definite volume and shape as a result of their molecular arrangement
	Solids cannot be compressed
5	Liquids have a definite volume but no specific shape as a result of their molecular arrangement
	Liquids cannot be compressed
6	Gases do not have a fixed volume or shape
7	Gases can be compressed to occupy smaller volume or expand to occupy a larger volume as a result of their molecular arrangement
	Cummulative Review: properties of solids, liquids and gases (compare and contrast)
8	Matter can undergo both physical and chemical changes Physical changes do not change matter (cutting, heating/cooling= phase change)
9	Chemical changes create new substances: Matter is neither created or destroyed Cumulative Review of Matter