

MATTER UNIT SUGGESTED TIMELINE - GRADE 4

Week #	Core Concepts
1	<p>Review: What science is and science process skills Matter is anything that has mass and takes up space</p> <p>Review: Matter can be observed using our senses (qualitative observations) Matter can be measured using tools (quantitative observations)</p>
2	<p>Review: 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)</p> <p>Review: Liquids have a definite volume but no specific shape as a result of their molecular arrangement (Liquids cannot be compressed)</p>
3	<p>Review: Gases do not have a fixed volume or shape Gases can be compressed to occupy smaller volume or expand to occupy a larger volume as a result of their molecular arrangement</p> <p>Review: Properties of solids, liquids and gases (compare and contrast)</p> <p>Review: Matter can undergo both physical and chemical changes Phase changes Chemical changes rearrange matter to create new substances Matter is neither created nor destroyed</p>