



1st 9 weeks Parent Syllabus – Grade 5 Science

Listed below are skills we expect your child to be able to perform and the vocabulary that will be used in the classroom both orally and written

Physical Science	I can Statements	Vocabulary
	<p><u>P.5.5A: I can demonstrate understanding of the physical and chemical properties of matter.</u></p> <p>P.5.5A.1: I can obtain and evaluate scientific information to describe physical properties of matter.</p> <p>P.5.5A.2: I can collect, analyze, and interpret data from measurements of the physical properties of solids, liquids, and gases.</p> <p>P.5.5A.3: I can analyze matter through observations and measurements to classify materials.</p> <p>P.5.5A.4: I can make and test predictions about how the density of an object affects whether the object sinks or floats when placed in a liquid.</p> <p>P.5.5A.5: I can design a vessel that can safely transport a dense substance.</p> <p><u>P.5.5B: I can demonstrate an understanding of mixtures and solutions.</u></p> <p>P.5.5B.1: I can obtain and evaluate scientific information to describe what happens to the properties of substances in mixtures and solutions.</p> <p>P.5.5B.2: I can analyze and interpret data to communicate that the concentration of a solution is determined by the amount of solute versus solvent in mixtures.</p> <p>P.5.5B.3: I can investigate how different variables affect the rate at which a solute will dissolve.</p> <p>P.5.5B.4: I can design an effective system for separating various mixtures.</p> <p><u>P.5.5C: I can demonstrate an understanding of physical and chemical changes.</u></p> <p>P.5.5B.1: I can analyze and communicate results of chemical changes.</p> <p>P.5.5B.2: I can analyze and communicate results of physical changes.</p> <p>P.5.5C.3: I can interpret data to support claims that when mixed, weight of a mixture is conserved.</p>	<p>substance, mass, matter, atom, physical property of matter, chemical property of matter, solubility, solute, solvent, solid, liquid, gas, boiling point, melting point, freezing point, reflectivity, chemical change, physical change, mixture, element, compound, electrical conductivity, thermal conductivity, density, filtration, concentration, flexibility, malleability, ductility, sifting, sieve, magnetism, floatation, evaporation, law of conservation of mass, volume, design, conduct, evaluate, observe, define, interpret, infer/inference, increase, decrease, technique, image, apply, impact, increment, gap, data, insulators, conductors, homogeneous, heterogeneous, relative amount</p>

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