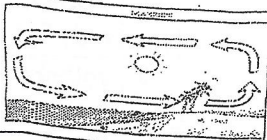


76	sea breeze	A breeze from sea towards land during the day	
<b>Force and Motion</b>			
77	simple machine	a tool used to make work easier, with few or no moving parts	Ex. Screw, pulley
78	force	Any push or pull on an object	
79	position	a location	
80	distance	how far an object travels	
81	motion	changing a position over time	
82	speed	A measure of how far an object moves in a certain amount of time (distance/time)	
83	acceleration	a change in speed	Faster, slower, change direction
84	inertia	The tendency of an object to resist a change in motion	
85	mass	the amount of matter in an object	
86	momentum	the strength of movement	
87	gravity	a force that pulls objects towards each other	
88	friction	the force that resists motion between two touching surfaces, slows things down	Friction produces heat
89	air resistance	the force of air pushing against the motion of an object	Also called drag
90	hypothesis	an idea that can be tested by an experiment or observation	
91	volume	the amount of space that an object or substance takes up	L x W x H
92	matter	the material or stuff that everything is made of	
93	density	how heavy something is for its size	
94	physical change	A change in the size, shape, or state of matter (can be reversed)	Water becomes an ice cube
95	chemical change	A change that forms a new substance (can't be reversed)	Wood burns
96	temperature	a measure of how warm something is	
97	kinetic energy	the energy of motion	
98	potential energy	stored energy	Batteries have potential energy
99	thermal energy	heat energy	
<b>Academic Vocabulary</b>			
100	constant	unchanging	
101	variable	something that can change	
102	decompose	to break down or take apart	
103	factors	something that affects a situation	
104	resources	something that can be used to meet wants or needs	
105	competition	the contest among organisms for limited resources	
106	evaluate	to solve	
107	analyze	to break apart or think through	
108	predict	To guess what will happen next or in the future	