



Light and Shadow											
Group:		Year:	T	ērm:							
Science											
Lesson 1	Do children know that we need light in order to see things?										
	Do children know that dark is the absence of light?										
	Can children identify a variety of light sources?										
Lesson 2	Can children name a way to protect their skin or eyes from the sun?										
	Can children identify ways in which a test can be made fair?										
	Are children able to make clear and relevant observations?										
Lesson 3	Do children know that shadows are formed when light is blocked?										
	Do children know the difference between objects that are transparent, translucent and opaque?										
	Can children explore shadows and record their observations?										
Lesson 4	Can children explain that a shadow is made because light is being blocked?										
	Can children identify where a shadow will be based on the position of the light source?										
	Can children use simple equipment to explore how shadows behave?										
Lesson 5	Can children explain why shadows created by the Sun change position during the course of a day?										
	Can children plan and ca	arry out an i <mark>nve</mark> stigation?									
	Can children find pattern	ns in the wa <mark>y the</mark> size of sha	adows chang	e?							
Lesson 6	Do children know that lig	ght travels in a straight line?	?								
	Do children know that we see objects when light is reflected from a surface?										
	Do children understand t	that all objects reflect light	to some deg	gree?				- 8			
7	Can children describe what a highly reflective object/ surface is?										
Lesson	Can children identify a highly reflective object?										
Les	Are children able to iden	tify ways in which we use re	eflective surf	faces?							
	Are children able to iden										

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