ERHS SCIENCE	Name:		
Marine Science	KELP: Up Close & Personal	Period	Date
	you today is a "fresh" kelp specimen ne key ideas regarding sea weeds. Ch		
1. The kingdom wh	nich kelp belongs to is:		
2. The phylum whi	ch kelp belongs to is:		
	for brown is:a		
4. This kelp would	be calleda	algae (color).	
_	n some kelp in the genus Macrocystis. California Gold. Use your artistic crea		* -
	the STIPE, the BLADE, and the FLO this class, but if there is, sketch what it	•	•
Algin is able to a will turn it to a the general science.	ture on the blades and stipes of the kell absorb large quantities of water. In factorick honey like viscosity. (Some studenthat was algin.) Algin is therefore uselled carrageenan.	ct, one tablespoon ents may remembe	of algin in 1 quart of water or a kelp ball lab from
LIST at least 8 u online)	ses of algin in commercial products.	(Hint- see web arti-	cles around the room or get
1.	5.		
2.	6.		
3.	7.		
4.	8.		
"wrack." Kelp of also has a bunch golden color. Th	e commonly found washed up on the blo photosynthesize, something we know of the same other pigment as diatoms his pigment which masks the green an (Hint-chemostrum)	ow of green organishave to give them d gives it the chara	ems with chlorophyll. Kelp the characteristic brown or cteristic brown color is
8 How did kaln he	lp the war effort in the World War?		
	EE SET UP, view each of the samples	and respond to the	following:
	w of the kelp and a plant leaf. What a		

10. Look at the plant leaf & kelp leaf and say whether or not you are able to see the chlorophyll a (green) in both samples.

not present in the kelp "leaf" and why aren't they present in the kelp?