Transect of a Lolly Rock Platform

Walk along the transect. Between every half metre mark (50cm), record the types of lolly organisms within that area

KEY:

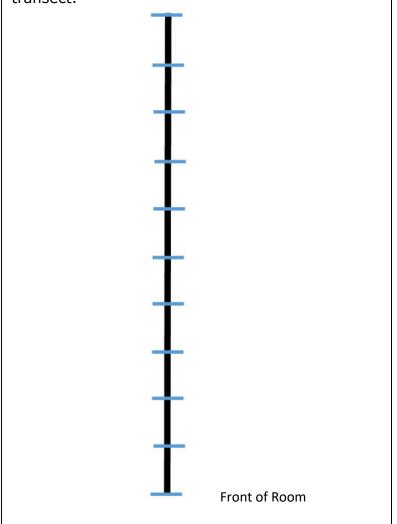
Picture	Lolly 1	Picture	Lolly 2	Picture	Lolly 3	Picture	Lolly 4
mentos	Rainbow Mentos	itos	Strawberry Mix Mentos	fmini	Orange Chupa Chup	mini	Strawberry Chupa Chups
		mentos		4		Î	a) light
							b) dark
							c) licker
Picture	Lolly 5	Picture	Lolly 6	Picture	Lolly 7		
mini	Choc Vanilla Chupa	mini	Apple Chupa Chup	Control	Cola Chupa Chups		
	Chup	1		Î	a) blue		
					b) brown		

1. Transect of a Lolly Rock Platform:

Distance	Lolly
(cm)	(#)
0 - 0.5	
0.5 - 1	
1 - 1.5	
1.5 - 2	
2 - 2.5	
2.5 - 3	
3 - 3.5	
3.5 - 4	
4 - 4.5	
4.5 - 5	

2. Label the transect line with the following:

- **a)** The <u>distances</u> along the transect line.
- **b)** Where each <u>lolly organism</u> was found.
- c) The <u>low</u>, <u>mid</u>, <u>high</u> and <u>splash</u> zones along the transect.



3. Using the information about habitat requirements and your transect diagram, explain the distribution of lollies along the Lolly Rock Platform.

Habitat Requirements of Lolly Organisms:

Rainbow Mentos	Habitat Requirements
(1 0 11)	Needs to be underwater for most of the time. Does not like to dry out or experience extreme temperature changes.
(Low)	
Strawberry Mix Mentos	Needs periods of being underwater and being exposed to direct sunlight to dry out. Does not mind the temperature changes
(Mid)	throughout the day. Likes being tossed around by the waves.
Orange Chupa Chup	Needs very little water. Likes being splashed or covered in sea
(Splash)	spray. Likes a constant temperature.
Strawberry Chupa Chup	Needs to be underwater for most of the time. Does not like to dry out or experience extreme temperature changes.
(Low)	
Choc Vanilla Chupa Chup	Needs very little water. Likes being splashed or covered in sea spray. Likes a constant temperature.
(Splash)	
Apple Chupa Chup (High)	Needs some water but only for a short period of the day. Likes warm temperatures and does not like being tossed around by the waves.
Cola Chupa Chup (Mid)	Needs periods of being underwater and being exposed to direct sunlight to dry out. Does not mind the temperature changes throughout the day. Likes being tossed around by the waves.
I. What did you notice about the	a) <u>Number of different species</u> of lollies along the transect and the b) Total <u>numb</u> ect?
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Teacher Notes: Lay out your transect line down the middle of the classroom. Place different wrapped lollies along the line to represent the distribution of different species. Students complete transect activity in groups. Have another activity for rest of students to work on.

