








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
	Rainbow Mentos		Strawberry Mix Mentos		Orange Chupa Chup		Strawberry Chupa Chups a) light b) dark c) licker
Picture	Lolly 5	Picture	Lolly 6	Picture	Lolly 7		
	Choc Vanilla Chupa Chup		Apple Chupa Chup		Cola Chupa Chups a) blue b) brown		

1. Transect of a Lolly Rock Platform:

Distance (cm)	Lolly (#)
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 distances along the transect line.
- b) Where each lolly organism was found.
- c) The low, mid, high and splash zones along the transect.



Front of Room

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:

Lolly	Habitat Requirements
Rainbow Mentos (Low)	Needs to be underwater for most of the time. Does not like to dry out or experience extreme temperature changes.
Strawberry Mix Mentos (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.
Orange Chupa Chup (Splash)	Needs very little water. Likes being splashed or covered in sea spray. Likes a constant temperature.
Strawberry Chupa Chup (Low)	Needs to be underwater for most of the time. Does not like to dry out or experience extreme temperature changes.
Choc Vanilla Chupa Chup (Splash)	Needs very little water. Likes being splashed or covered in sea spray. Likes a constant temperature.
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.

Example: The Choc Vanilla Chupa Chups were found in the splash zone. This is because they do not need much water and like a constant temperature.

4. What did you notice about the a) Number of different species of lollies along the transect and the b) Total number of lolly organisms along the transect?

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.

