



**SAINIK SCHOOL CHANDRAPUR**  
**HOLIDAY HOMEWORK**  
**(WINTER BREAK)**  
**ACADEMIC SESSION 2023-24**  
**SCIENCE**  
**CLASS IX**



**ART INTEGRATED PROJECT**

- Make a PowerPoint presentation depicting **biodiversity of Lakshadweep island.**
- Share it to the mail ID - [athulsscn@gmail.com](mailto:athulsscn@gmail.com)

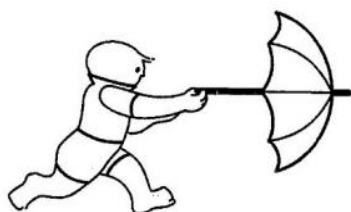
**FUN 'N' LEARN ACTIVITY**

1. Select any five brands each of aerated soft drinks and fruit juices.

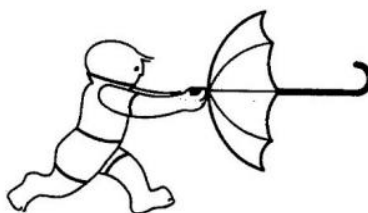
- Find out the nutrient content, price, advantage and disadvantage of each one of them.
- Conclude with reasons, what kind of beverage should be used.
- Present the information in a folder with illustration, pictures, photographs, etc.

2.

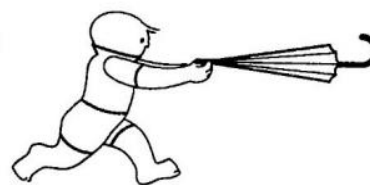
- Take a toy car with a spring - key system. Place a smooth plastic card (a good quality greeting card will do) on the Floor. Wind up the car and place it on the plastic card. Watch the card and record your observations.
- Take an umbrella and go to field.



(a)



(b)



(c)

- Open the umbrella and keep it in front of you (Fig a). Run as fast as you can.
- Now turn the umbrella round and hold it as shown in (Fig b). Run as fast as you can.

- Now close the umbrella and keep it in front of you (Fig c). Run as fast as you can.
- In which case did you run the fastest?
- In which case did you run the slowest?
- Think of the reasons and explain them to your friend.

(Hint: the force exerted by air plays an important role)

### **VALUE BASED ASSIGNMENT**

Research on the life history and contribution of two Indian scientists in the development of science in India and make a report or write an article about the same and also mention the values you learn from their life and would like to incorporate in your personality.