KERALA
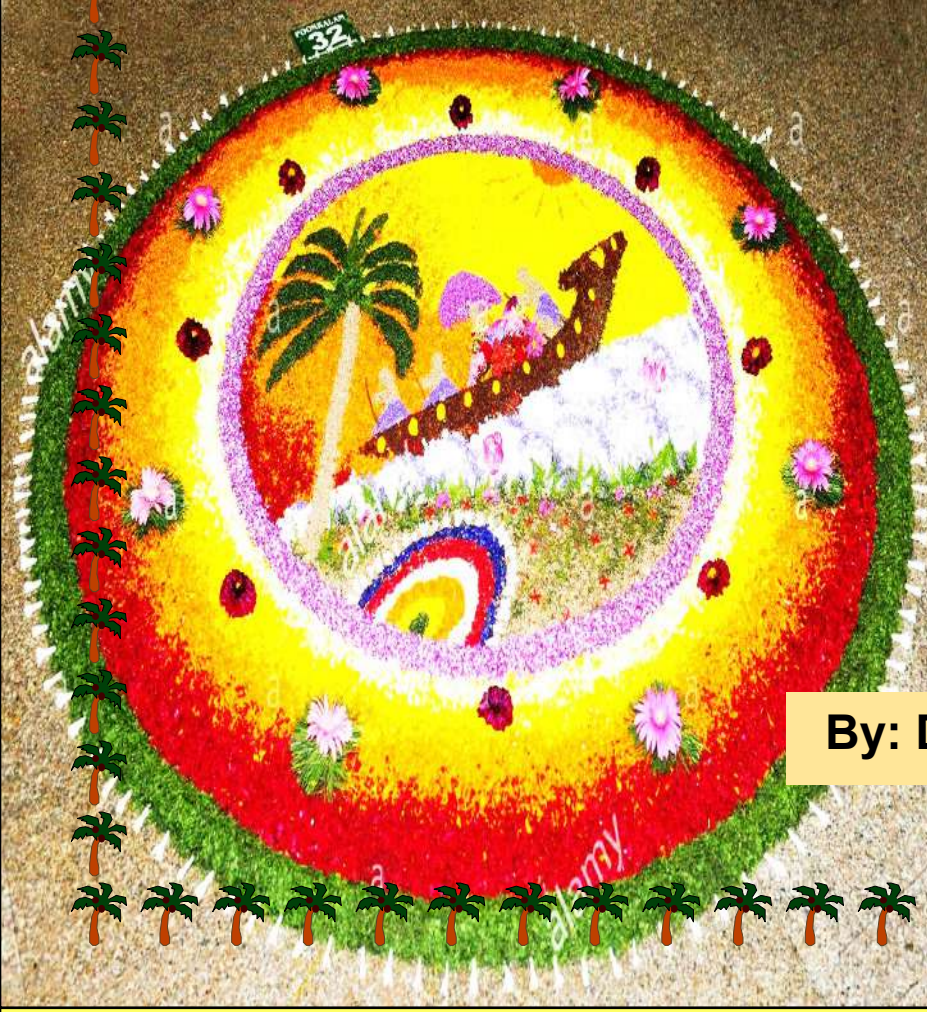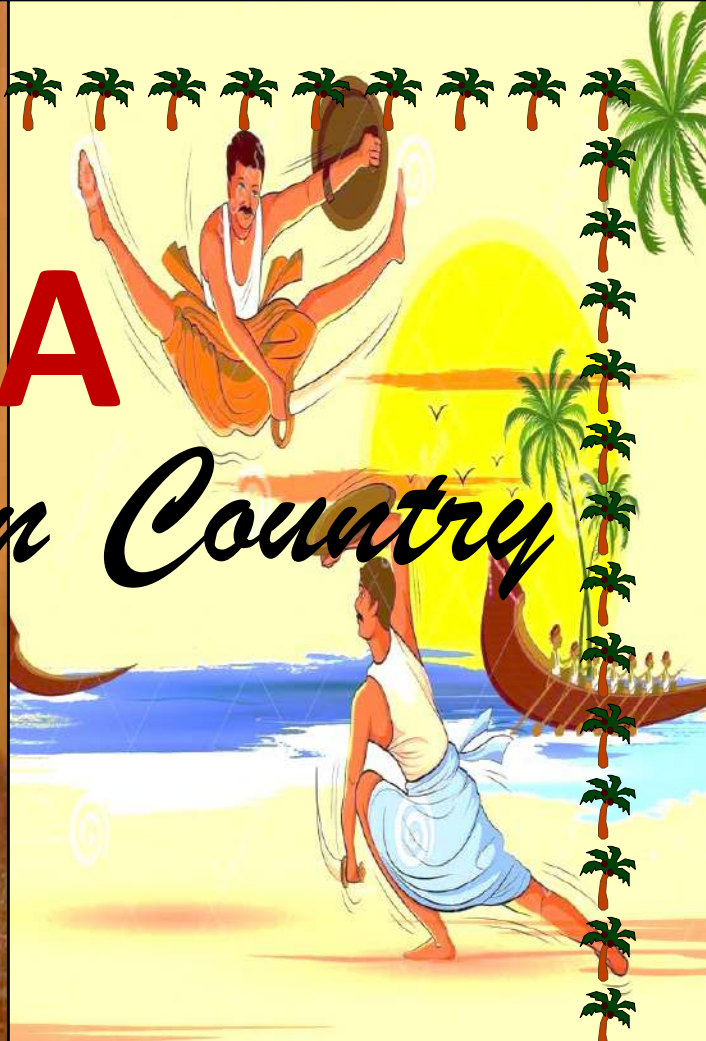## God's Own Country

By: Darsh Agarwal, Class 5D

My journey to Kerala

Hello friends, today I am going to take you through a journey of Kerala. One summer vacation I planned a trip to Kerala. I did not get time to do any research and therefore, when I went to Kerala I was completely lost. Then I met Priya and when I found out that she was from LSA too and had relocated to Kerala it was a pleasant surprise. We became friends. Her family guided us to all the famous attractions in Kerala that we could visit and see.
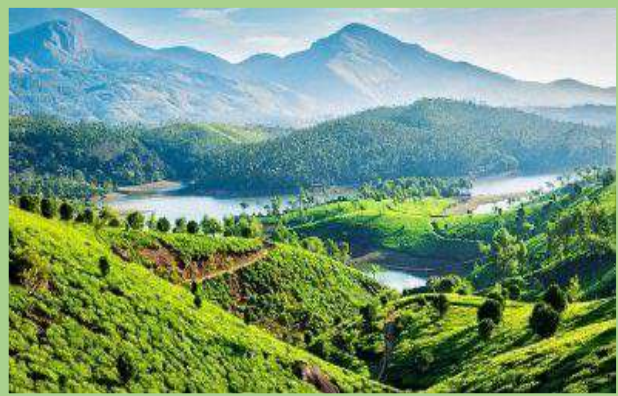
Festivals: Onam

During my visit to Kerala, the most popular festival, Onam, was being celebrated. Onam is a harvest festival celebrated by the Malayalee community. At Priya's house I saw a beautiful Pookalam made with fresh flowers, so I decided to make one myself using colored paper cut-outs instead of flowers. To create it I used the shapes mentioned below.
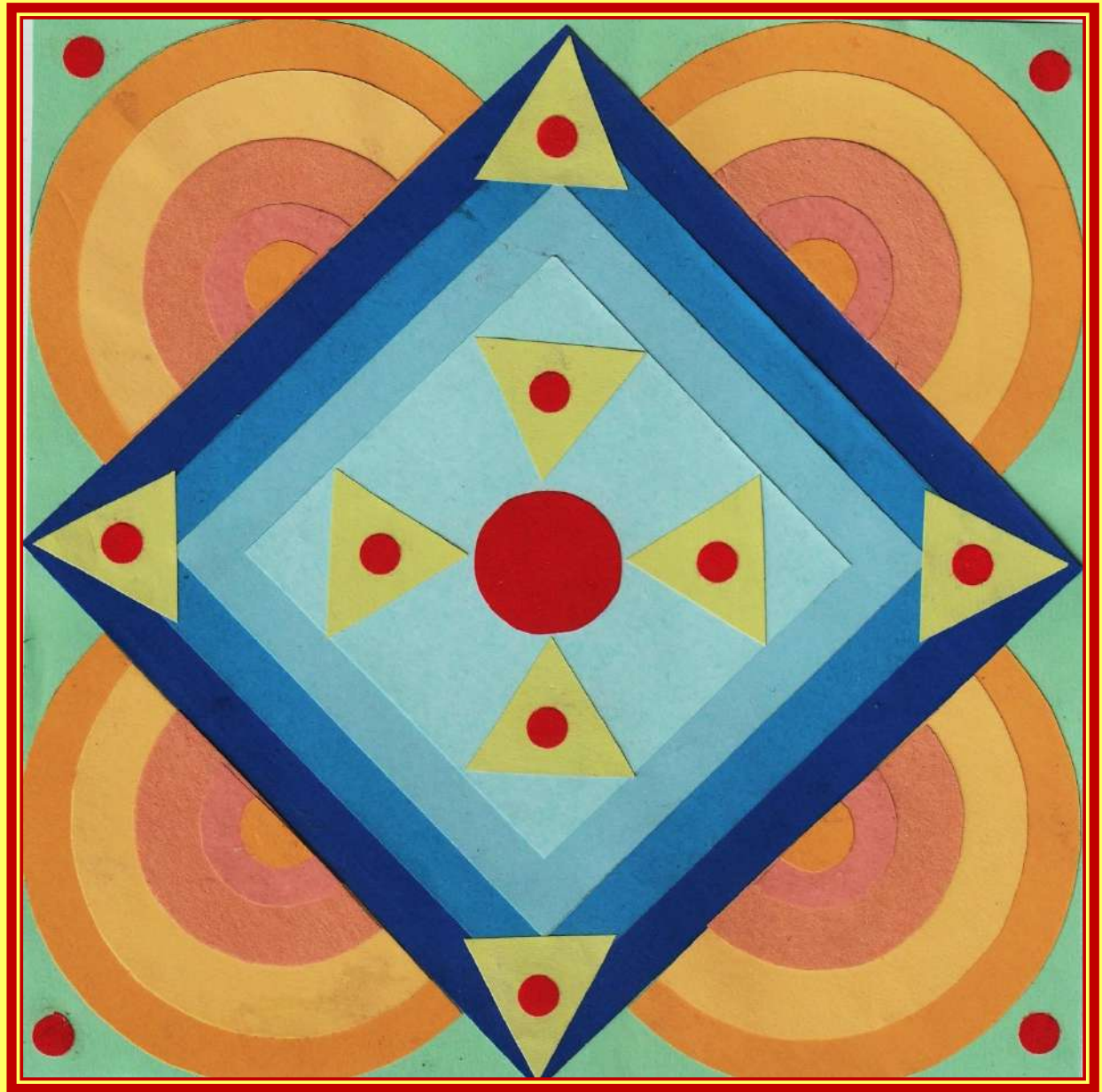
a) Number of red- colored circles is the 2- digit prime number which is greater than 11 but less than 17 = __13__

b) Number of yellow triangles is the fourth multiple of 2 = __8__

c) Number of blue kites is half of the number of yellow triangles = __4__

d) No. of green squares is the unique number which is neither prime nor composite = __1__

e) Number of semicircles is the LCM of 10 and 20 = __20__

POOKALAM

Kerala: Land of Spices

Her parents told us about the spices found in Kerala. It is the "Spice Capital of India" and "Land of Spices". The story of spices in Kerala is thousand years old and it is the major contributor of spice exports from India.

After finding out that Kerala is rich in spices, I looked online and saw a graph of the production of certain spices for the year 2017 to 2018. Below is the graph for your view.

PRODUCTION OF SPICES IN KERALA

Bar graph showing approximate production in tonnes in the year 2017-2018 for each spice:

- PEPPER: ~20000
- CARDAMOM: ~10000
- GINGER: ~85000
- NUTMEG: ~15000
- TAMARIND: ~35000

NAME OF THE SPICE
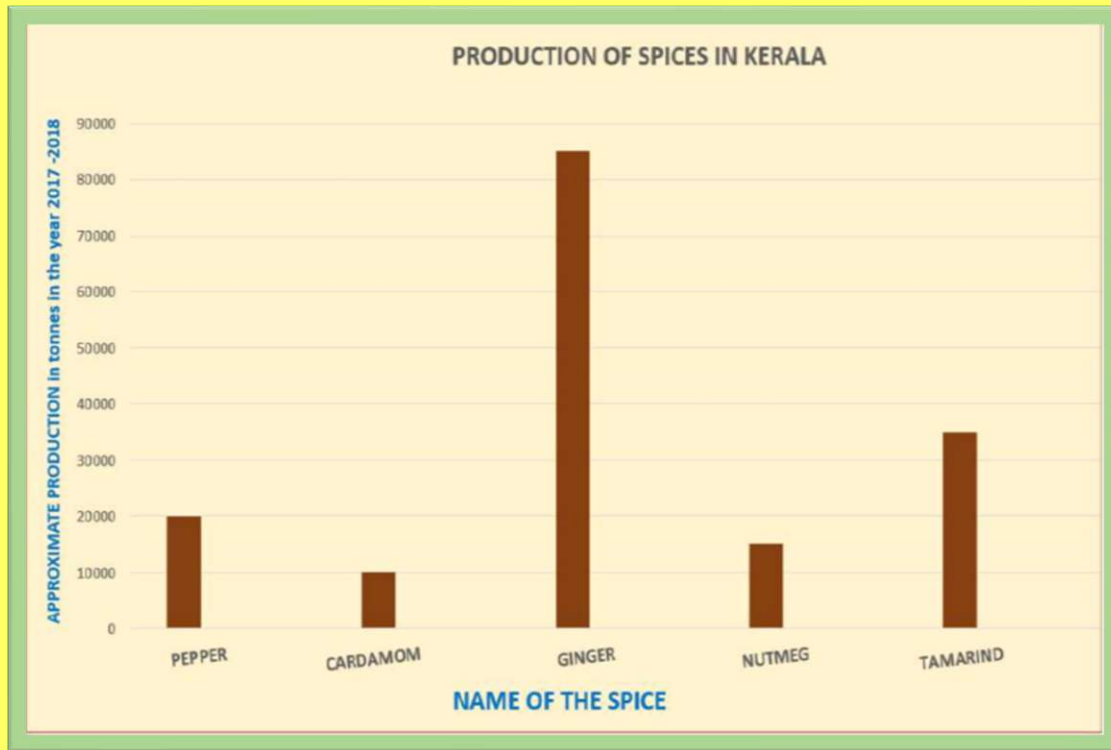
a) Which spice had the maximum production in the year 2017- 2018 ? How much was it ?

GINGER had the maximum production in the year 2017-2018. It was 85,000 tonnes.

b) Which spice has the least production in the year 2017- 2018 ? How much was it ?

CARDAMOM has the least production of 10,000 tonnes, in the year 2017-2018.

c) What is the difference in the production of Tamarind and Pepper ?

Sol. Production of Tamarind = 35000 tonnes

Production of Pepper = - 20000 tonnes

15000 tonnes

Ans- The difference in the production of Tamarind and Pepper is 15,000 tonnes.

d) What is the total production of Cardamom and Nutmeg ?

Sol. Production of Cardamom = 10000 tonnes

Production of Nutmeg = + 15000 tonnes

25000 tonnes

Ans- The total production of Cardamom and Nutmeg is 25,000 tonnes.

Famous Attractions

Priya's family also told us about various attractions. However, they did not tell us about them immediately. They first gave us some kind of puzzle. Then they asked us to go online and find out and write a few facts about the attractions. Here are the two puzzles. See if you can solve them...

3. Follow the instructions given to find the names of certain famous attractions of Kerala. Write a line about each attraction that you found.

a) Follow a path from *START*, coloring the boxes which contain the equivalent fractions of **12 / 16**. You can only move one box in the right or down at a time.

KA	LA	MA	ND	AL
START → $\frac{12}{16}$	$\frac{24}{32}$	$\frac{3}{5}$	$\frac{12}{20}$	$\frac{30}{50}$
TH	RI	PA	YA	AM
$\frac{6}{9}$	$\frac{6}{8}$	$\frac{3}{4}$	$\frac{18}{24}$	$\frac{15}{25}$
AK	AL	LI	TT	U
$\frac{18}{27}$	$\frac{2}{3}$	$\frac{20}{30}$	$\frac{36}{48}$	$\frac{9}{12}$

Sol: Equivalent fraction of $\frac{12}{16} = \frac{12 \times 2}{16 \times 2} = \frac{24}{32}$

↓

$\frac{6}{8} = \frac{6 \div 2}{8 \div 2} = \frac{3}{4}$ ← $\frac{24}{32} = \frac{24 \div 4}{32 \div 4} = \frac{6}{8}$

↓

$\frac{3}{4} = \frac{3 \times 6}{4 \times 6} = \frac{18}{24}$ → $\frac{18}{24} = \frac{18 \times 2}{24 \times 2} = \frac{36}{48}$

↓

$\frac{36}{48} = \frac{36 \div 4}{48 \div 4} = \frac{9}{12}$ ←

KALARIPAYATTU : *Mother of all Martial Arts*

Kalaripayattu is the ancient martial art of South India, based on the science of Yoga and Ayurveda. It is marked by high-flying acrobatics, fluid movements and weaponary.

Famous Attraction

b) Follow a path from *START*, coloring the boxes which will help you to form the smallest 8- digit no. using the digits 5 , 6 , 3 , 0 , 9 , 7 (You have to use any two digits twice). You can only move one box in the right or down at a time.

START →

A 3	R 0	O 0	M 5
Y 0	R 3	R 0	A 3
U 0	R 3	R 9	O 6
S 9	V 5	E 6	I 7
H 6	U 7	D 7	A 9

sol. The smallest 8- digit = 30035679

AYURVEDA: Ayurveda is the oldest healthcare system in the world. It is famous for its 5 pronged treatment, named as Panchakarma.

Famous Attraction

Conclusion

I hope you enjoyed visiting Kerala with us and learning so many things. See you next time.

Thank You