

# SAFA MATRICULATION SCHOOL

(Managed by Safa Educational Trust)
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#### **HOLIDAY HOMEWORK**

# **ENGLISH:**

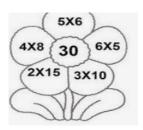
- 1)Listen to the phonics sound and identify the sound from the given words.
- 2)Capture a video and send it in class group.

Note: Guidance of parents is must. Assessment will be done on next academic year.

Video link will be sent in class group.

### **MATHEMATICS**

1. Draw 10 models of multiplication facts like this given picture of any number on your own in a A4 sheet.



2. Make any type of models to depict tables of 6,7,8,9 and 12.

#### **SCIENCE**

**Topic**: Colour changing Experiment (Acid ,Base)

Acids and Base are substances that we use in our daily life.

With an adult's help, explore chemistry in the kitchen! Repeat the experiment with items from your kitchen like vinegar, detergent liquid, milk, lemon juice, coffee.

Use the red cabbage / Beetroot scale to identify the acid and base.

# **Procedure:**

- Step 1: Tear half a head of cabbage into small pieces and place them in a large bowl.
- Step 2: Fill the bowl with warm tap water and let it sit for an hour.
- Step 3:Pour the red cabbage mixture into a large cup. The purple liquid in the jar is your red cabbage indicator!
- Step 4: Take your two remaining cups, and fill both of them halfway with water. Add a scoop of lemon juice to the first cup and a scoop of detergent liquid to the second cup.

Step 5: Use the teaspoon to add small amounts of red cabbage indicator to both cups. (If you don't see the color change, keep adding more indicator.)

Note that acids turn water into warm colors, while bases turn water into cool colors! What colors do you see?



## Observation:

S No	Materials	What colour do you see?	Acid / Base
1.	Vinegar		
2.	Detergent liquid		
3.	Milk		
4.	Lemon juice		
5.	Coffee		

## **ARABIC**

Animal

Fruit

Vegetable

2) Write the meaning of the following suras,

Surah Naas

Suras Falaq

Surah Ikhlaas

Surah Fatiha

Aytal Kursi

3) Read the story of Yusuf (AS) and write any incident which you like from the story.

