



# GSKJ2023-PAKISTAN

## PROGRAM



Kitchen  
Jamboree  
Traditional  
Programs



GSKJ 2023  
Challenges  
Activities

## 2023 JAMBOREE PROGRAMS DAY 1

Day	Activities	Time & Duration
1 <sup>st</sup> Day	Opening Ceremony	09:00am Pakistan Time
	Responsible Consumption & Production (Lecture on food insecurity followed by activity )	12:00pm (Lecture 45 minutes and activity 2 hrs) (Online/Live Rooms will be available to showcase activities)
	Good Health and Well-Being (Nutrition issues in Childhood, Lecture followed by activity )	04:00pm (Lecture 30 mins, Activity 90mins)
	Food for Friendship (Live Cooking with small activities during live session, 2/3 chefs shall do cooking 15mins each)	06:30pm (60mins)
	Culture Exchange & Camp Fire ( Live Performance) (Dress code, Participants must wear their traditional dress)	8:00pm (90mins)

## 2023 JAMBOREE PROGRAMS DAY 2

Day	Activities	Time & Duration
2 <sup>nd</sup> Day	Religious Activities (One prayer from each Faith prayer) (Special Prayer for Farmers)	07:00am
	Peace Dialogue (Intergenerational Dialogue Lecture)	08:30am
	Solar Cooking (Lecture/Presentation) (Live Solar Cooking) (Back woodsman cooking live)	10:00am (120 mins)
	SDGs Goals (Lecture Followed by activities)	01:30pm
	Global Food Table	03:00pm
	Global Music Show & Closing Ceremony	07:30pm



Responsible Consumption & Production  
(Lecture on food insecurity followed by activity )



# Lecture Activities



Prepare / Cook a dish / food for two persons.

Invite two friends, neighbors or any relatives. share this food with them.

Take pictures and videos.

Post on FB page

Certificates only issued those who will share activities



# Challenges



1. Fill four PET bottles of different colour with equal amounts of water until they are almost full. Get water from the bathroom sink.
2. Measure the temperature in each bottle and note under „initial temperature“.
3. Lay the bottles, next to each other in the sun and guess which bottle will heat up the most. Discuss until you agree, then write down your estimate.
4. Wait 30 minutes and repeat the procedure.  
(You may want to start your next assignment in the meantime)
5. Which bottle contains the warmest water? What do you think is the reason?
6. Empty the bottles at the end of the experiment and put them back.

## COLOR OF HEAT

Color				Black
Initial temperature				
Our estimate				
After 30 minutes				
Temperature difference				



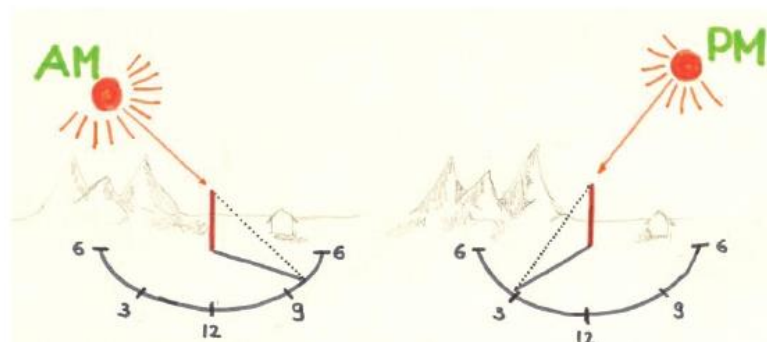
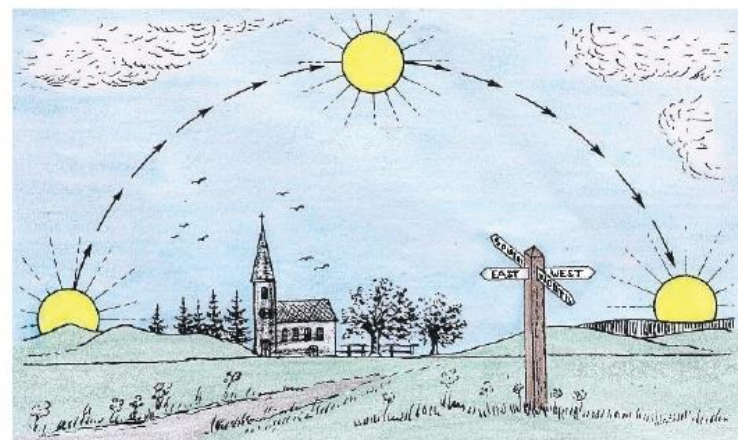


# Challenges



## SUNDIAL

The earth rotates once about its own axis within 24 hours. As a result we experience ,day' when our side of the earth faces the sun and ,night' when it faces away from it. The day begins with the first rays of sun that appear on the horizon. The sun then seems to traverse the sky on a big arc, reaching the highest point at noon and slowly descending until it disappears below the horizon in the evening. This is the course of the sun. When you are on the northern hemisphere, the sun rises in the east, descending in the west. On the southern hemisphere, it is the opposite.



With the help of a sundial one can use the course of the sun to measure time. Stick a pole into the ground and you can watch its shadow wander in the opposite direction of the sun throughout the day.



# Challenges

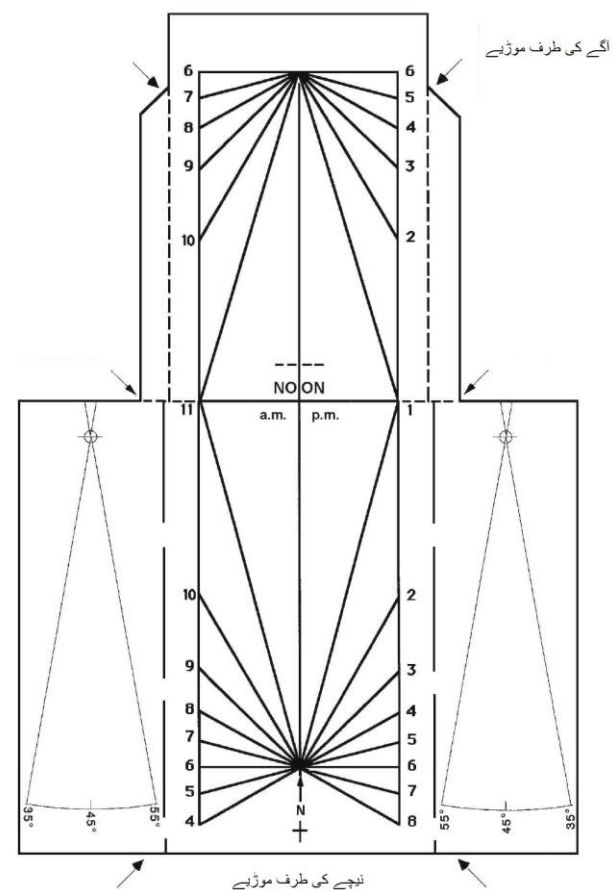


## INSTRUCTIONS

For this sundial, you'll need a copy of the template and an (elastic) string.

1. Copy/Print the Sundial template on the next page
2. Glue it evenly on cardboard.
3. Cut at the outer line and the short dashed line in the middle (bottom of the two Flaps only).
4. Find out your latitude (e.g. in an Atlas) and mark a line on the left and right of the base (marked with scales 35°-55°). Draw a line from your required latitude through the "X" Symbols at the top of the scale. Cut at these lines. You may want to note at the top of the Sundial your location/latitude.
5. Fold on dashed lines to the indicated direction. For sharper folds, score on the opposite side (fold backwards, score on front + vice versa).
6. Score on the back along the horizontal line in the middle (between "noon" and "a.m. p.m.") and fold to the front. The flaps help you bringing it into a right angle.
7. At the top and bottom, where all lines converge, make a small hole. Attach a String through these holes. The string is the gnomon of your sundial.
8. You're done! You only need to position your sundial in the right direction.

JAMBOMOOT GOSOLAR Base-02



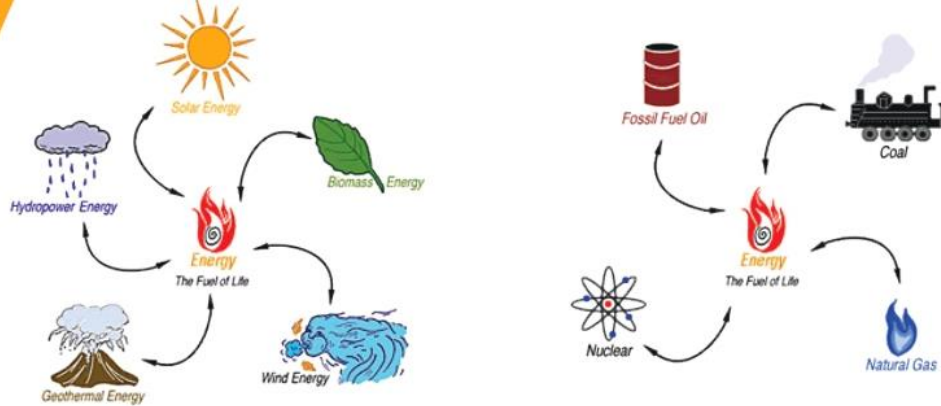




# Challenges



## RENEWABLE/NON-RENEWABLE RESOURCES



**Renewable energy** is energy generated from natural resources that are naturally replenished within a human lifetime (wood, biomass) or energy that does not deplete the source (solar, wind energy, hydro power) that generates it. Besides hydro power this group includes solar energy, the warmth from the earth's interior (geothermal energy), as well as the tides generated by the gravitational pull of moon and sun (high and low tide).

The supply of fossil fuels such as petroleum, coal, or natural gas is limited and will eventually run out; once the reserves of crude oil are depleted it will take millennia for new supplies to grow. Fossil fuels also increase global warming and pollute the air. However, the overwhelming majority of the world's population today depend on just such fossil fuels for electricity, heat, and transport. Nuclear energy (nuclear fission and nuclear fusion, respectively; the latter is still in development) does not usually count as renewable. The production of electricity in a nuclear power plant requires uranium, a raw material that is not renewable and generates extremely dangerous radioactive waste.

Benefits people obtain from ecosystems are called "ecosystem services". They can be distinguished in four categories: Supporting services, provisioning services, regulating services and cultural services. Ecosystem services is sometimes used synonymous with "ecosystem functions".

Draw three posters  
(ANSC D – 22 x 34 inches)

Each classify the sources of energy.

## Poster Titles

“Renewable Resources”

“Renewable Ecosystem Service”

“Non-renewable Resources”



Challenges



# Total 10 Challenges available

Challenges fields will be  
open  
from 20<sup>th</sup> December  
till 5<sup>th</sup> January





**Wish you all  
Happy Jamboree**