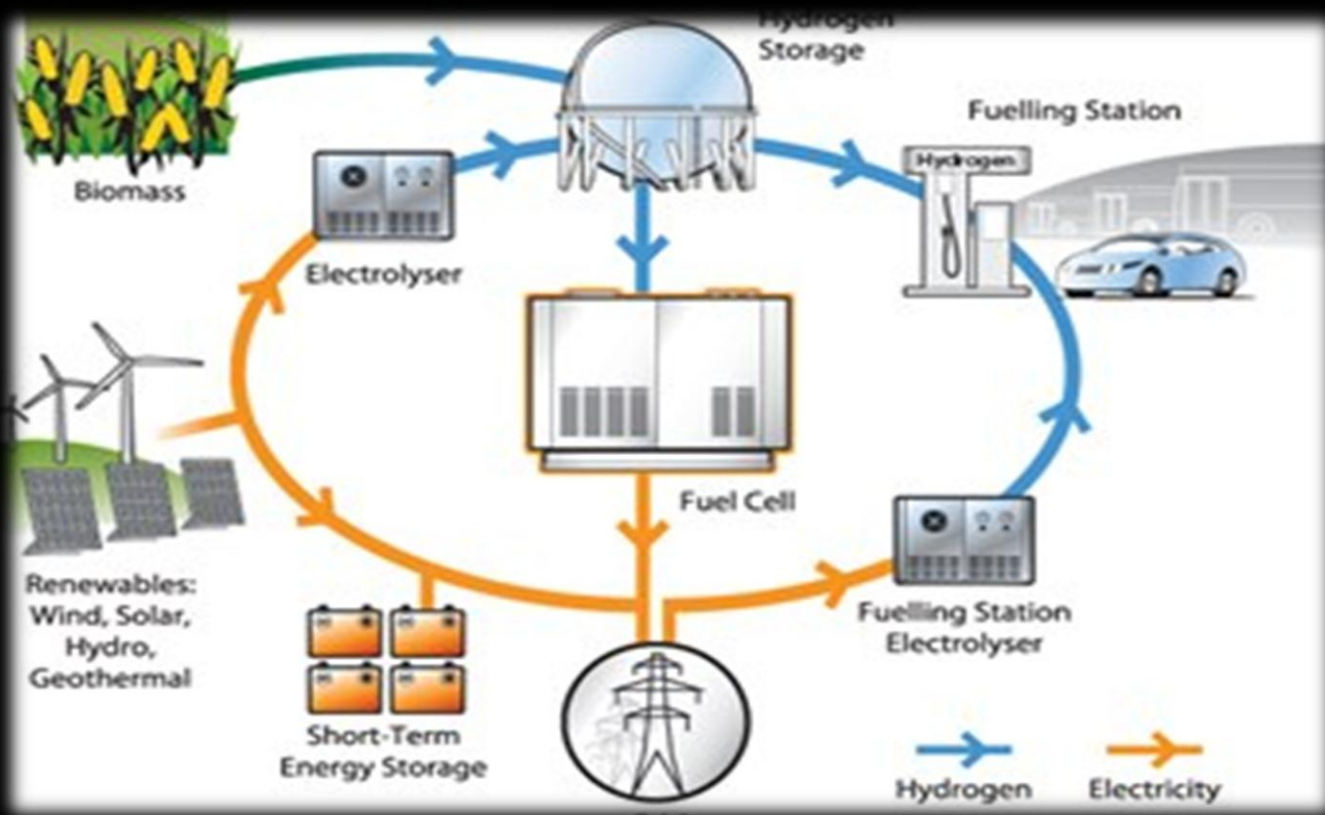


SOLAR TREE



RENEWABLE SOURCES



SOLAR TREE



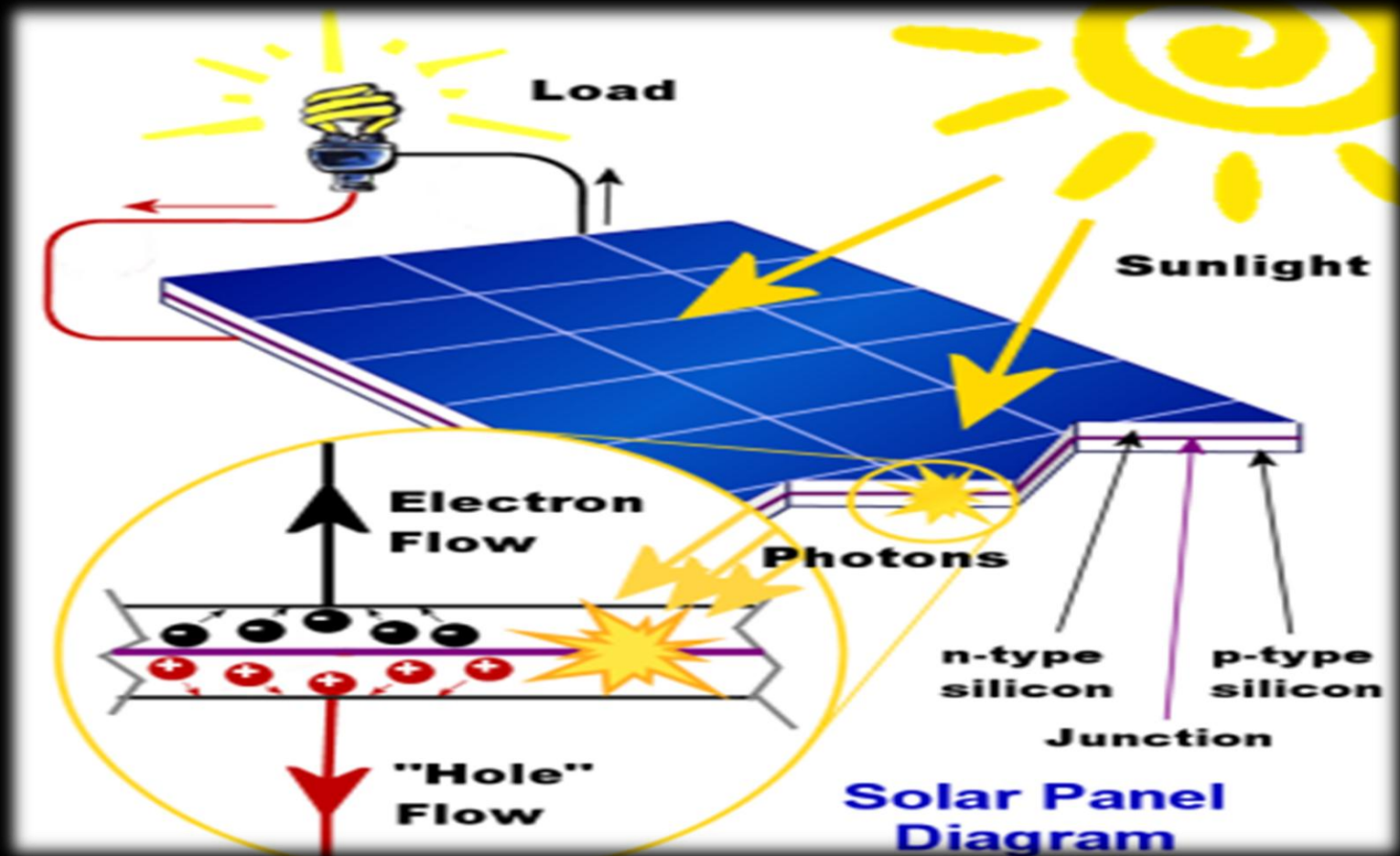
AS BEST ALTERNATIVE....

AGENDA

- ❖ Principle
- ❖ Applications
- ❖ Advantages



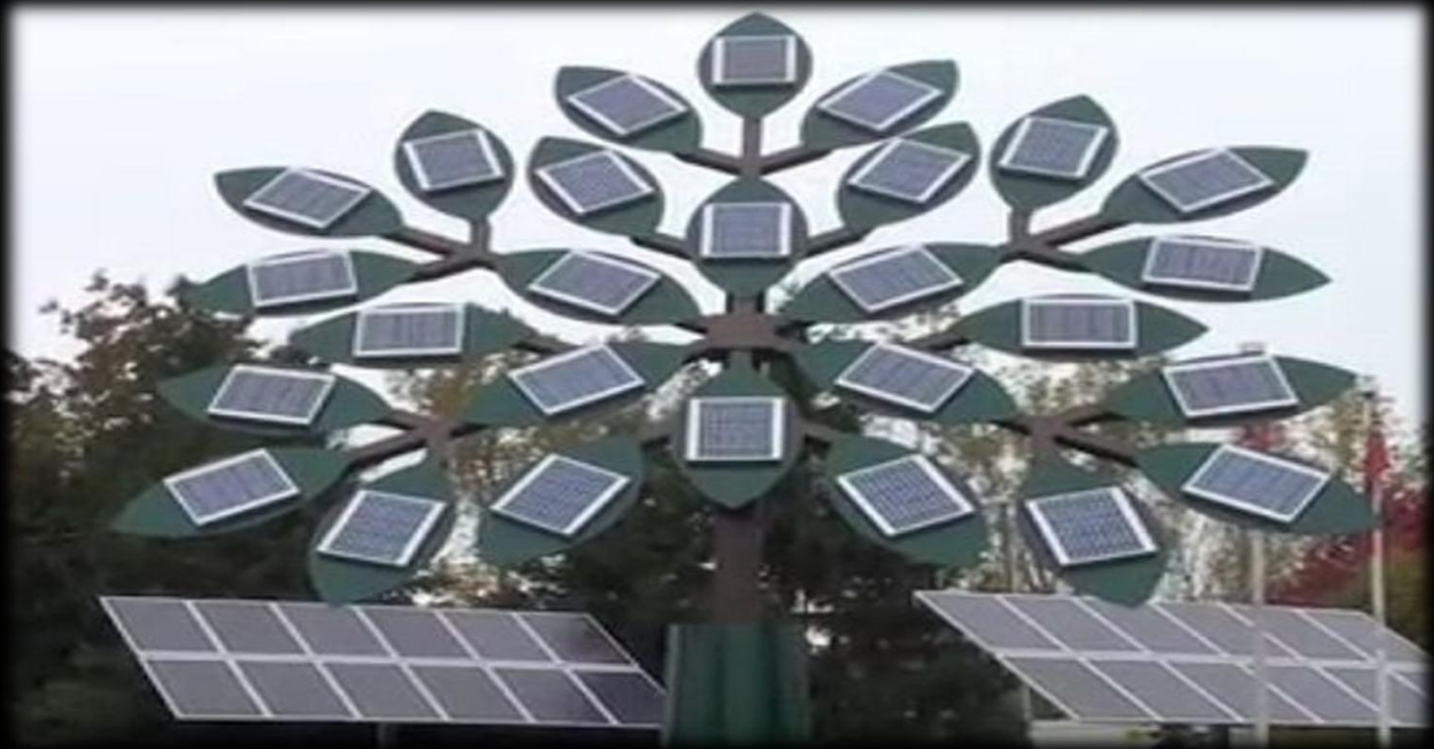
WORKING PRINCIPLE



SOLAR TREE

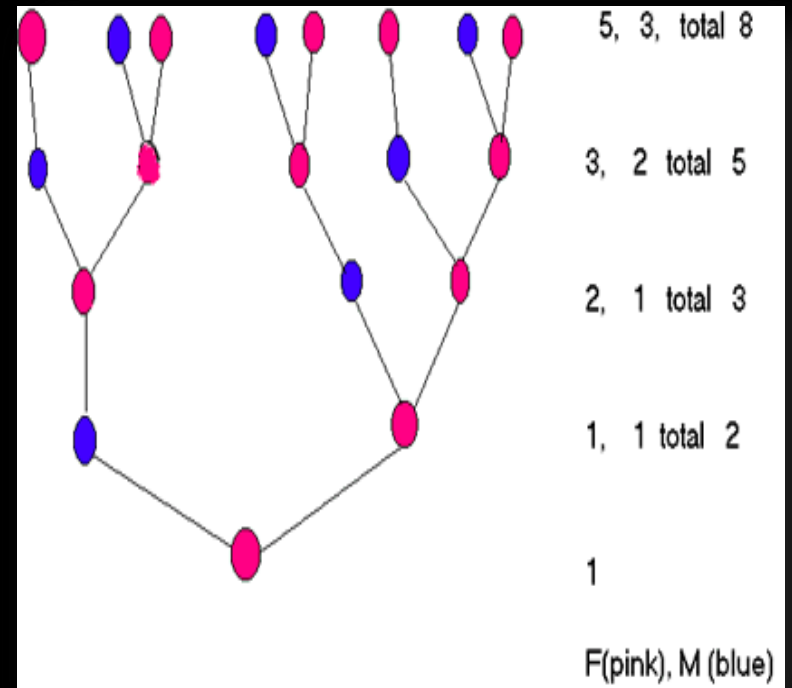
“FIBANACCI SEQUENCE”

TO MAKE SOLAR ENERGY BREAKETHROUGH



FIBANACCI SEQUENCE

- ❖ This pattern , where the previous numbers are added together to make the next number in sequence ($1+1=2$, $2+1=3$, $3+2=5$, $5+3=8$ etc.,)



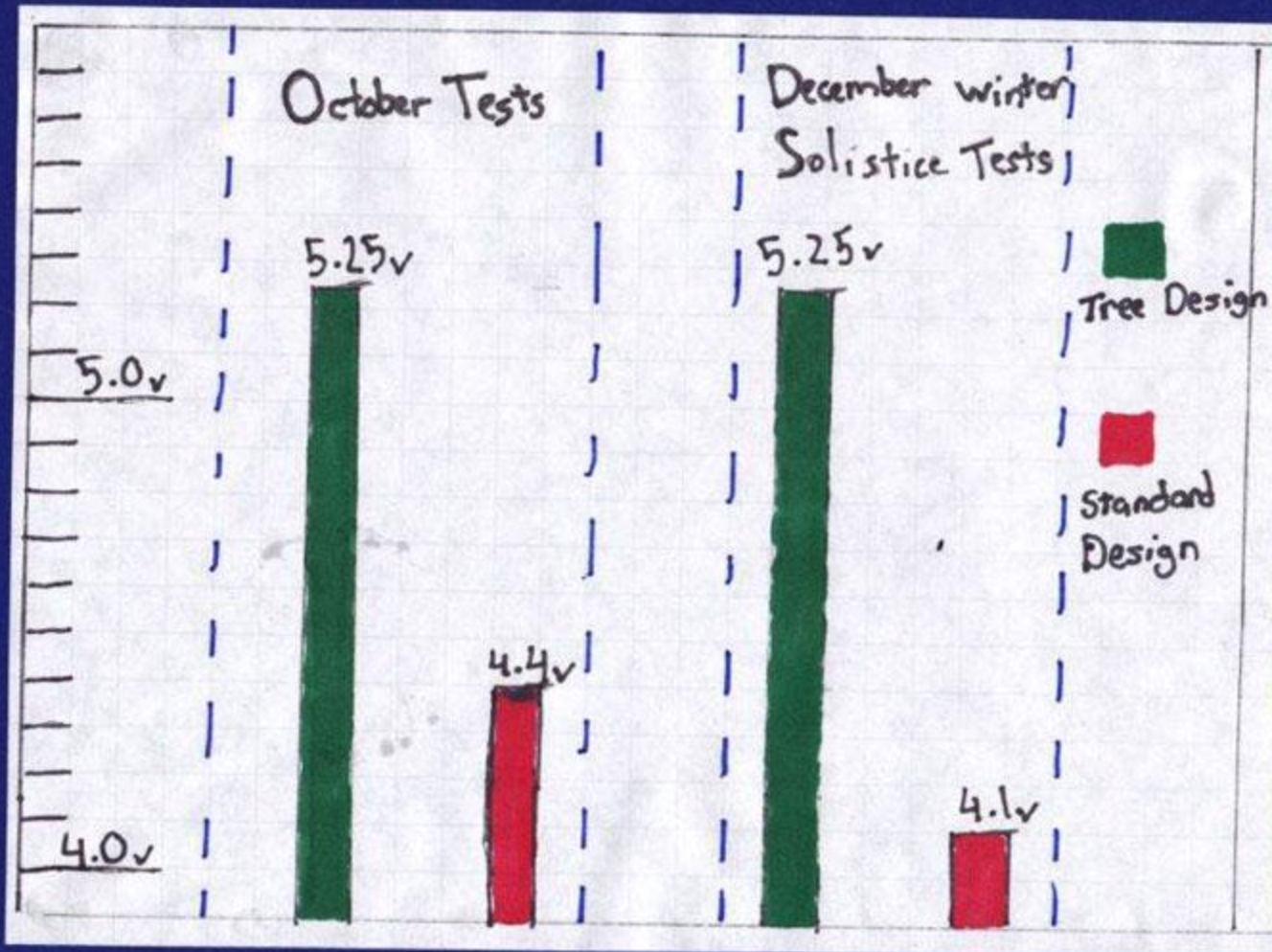
TECHNICAL INFORMATION



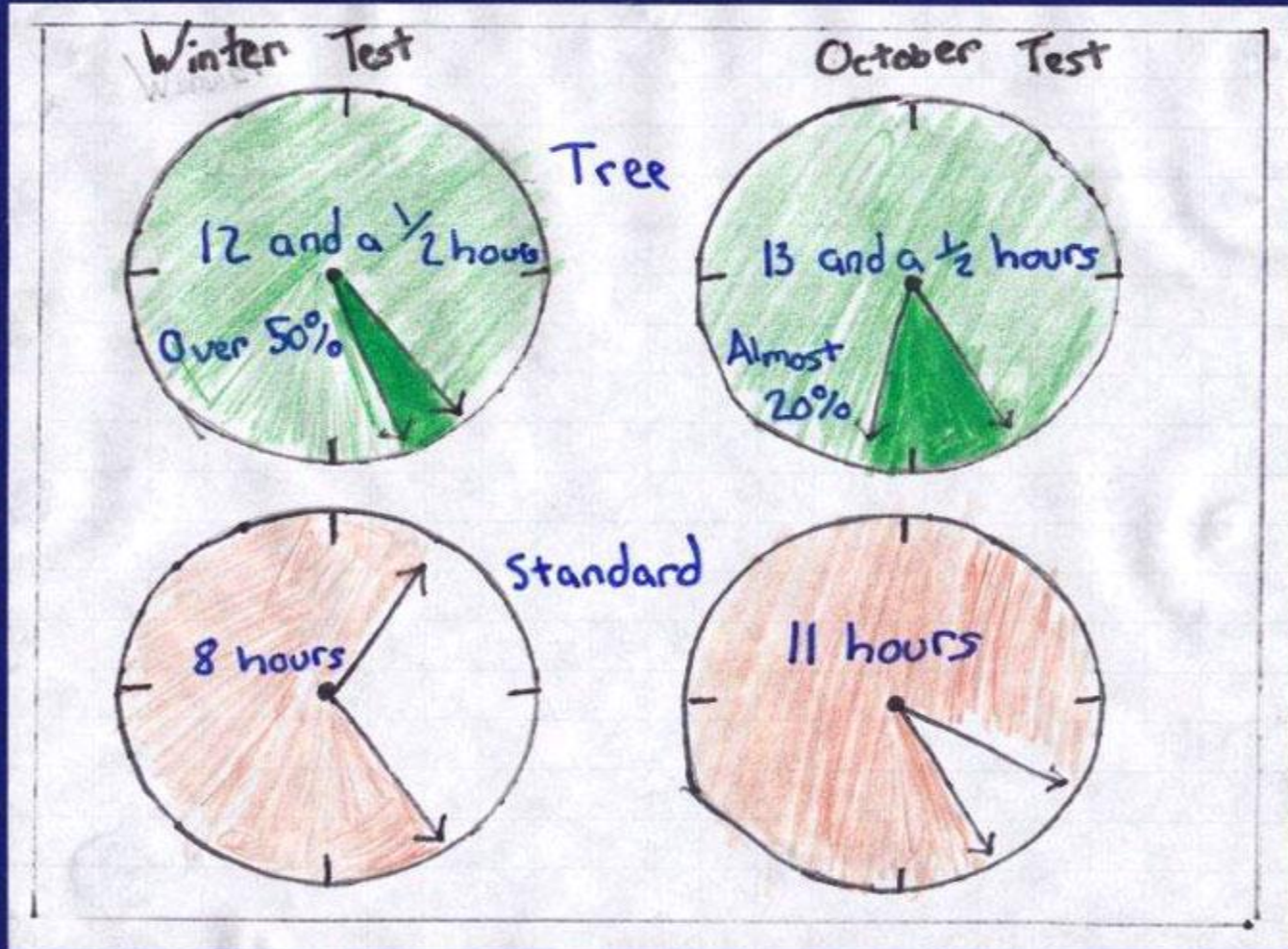
COMPARISION

TYPE OF SOLAR CELL ARRANGEMENT	ELECTRICITY
1.flat panel model	100% (say)
2.solar tree with cells arranged(in fibanacci series manner)	20% more than flat panel model(i.e., nearly 120% more electricity)

PRACTICAL OBSERVATIONS



PRACTICAL OBSERVATIONS



INTRESTING RESULTS

- It collected 2 ½ more hours of electricity during a day
- It made 50% more electricity and collection of sunlight is 50% longer.
- Parallel series circuit of this is 142% effective than normal solar panel system.



APPLICATIONS

1. World's best looking solar gadget charger



2. Solar trees in streets



ADVANTAGES

- The day to day running and maintenance costs are reduced.
- Useful in different house hold applications.
- 362664 kW-hr/year per square metre of electricity can be produced, using only the scale model in a parallel-series circuit.
- solar trees will help living trees from acid rains.
- saves earth from global warming.



CONCLUSION



- ❑ A perfect symbiosis between pioneering design and cutting- edge eco-compatible technology.
- ❑ It helps the environment, saves money, cheap to use and lasts for lifetime as eco-friendly.
- ❑ Mitigates the effects of acid rain, carbon dioxide, and other impacts of burning coal and counters risks associated with nuclear energy.

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