

Talent Corner

Poem — Limited Happiness

It's the fault to remain limited,
Bowing always the head tilted.
Why the happiness is very less?
In what under the smile is press?

Sadness overrule because of the loss,
We do hate the things in moss.
Anger, annoying, displeasure, and pain,
All that is best becomes in vain.

Limited happiness is although short,
For the limited time it is like pert(attractive).
Unlimited happiness is everyone's wish,
For the limited time is of nobody's mish.

Why to care for the things (worse) now?
Unlimited happiness is there in row.
Things considered not suitable to desires,
Worries should not overrule - a fire.

Choosing bad is nobody's selection,
It takes time for the correction.
The end of this limited happiness is sure,
The answer lies in treating with cure.

The title can only be neglected,
When unlimited happiness is selected.

Rajat Kumar, Ph.D Scholar.

Poem — I never give my Pen

I swear, My pen, I can't share.
In fact, no one can dare
To touch my pen
When I am not there.

I am not a person with greed,
But I can't fulfill anyone's pen need.
Whether I have one or ten,
I never like to give any of them.

It's my own thought,
I am not afraid of what you think about me,
Better to have your own pen brought.

Never ask it from me, I consider it my own crime,
I will clearly deny from the next time.

Sahaj Sabharwal,
Jammu city.

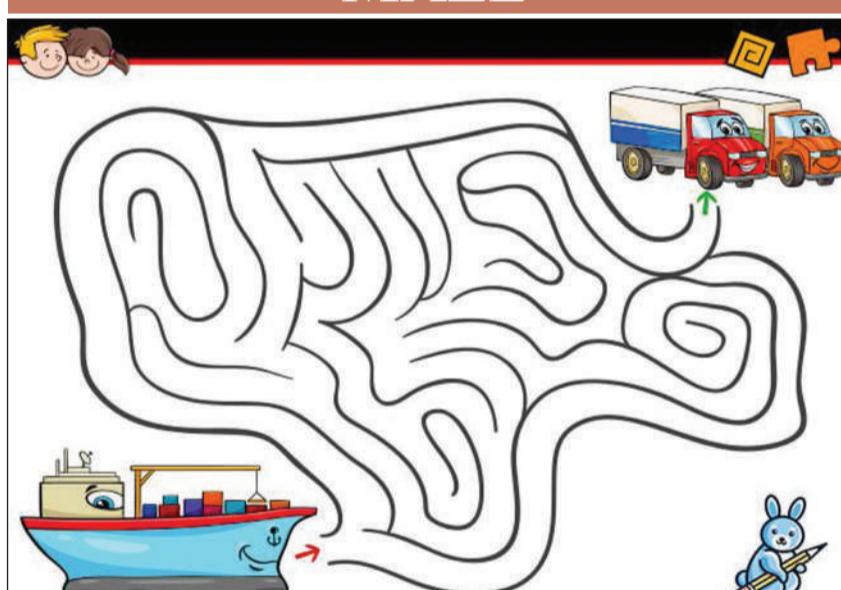
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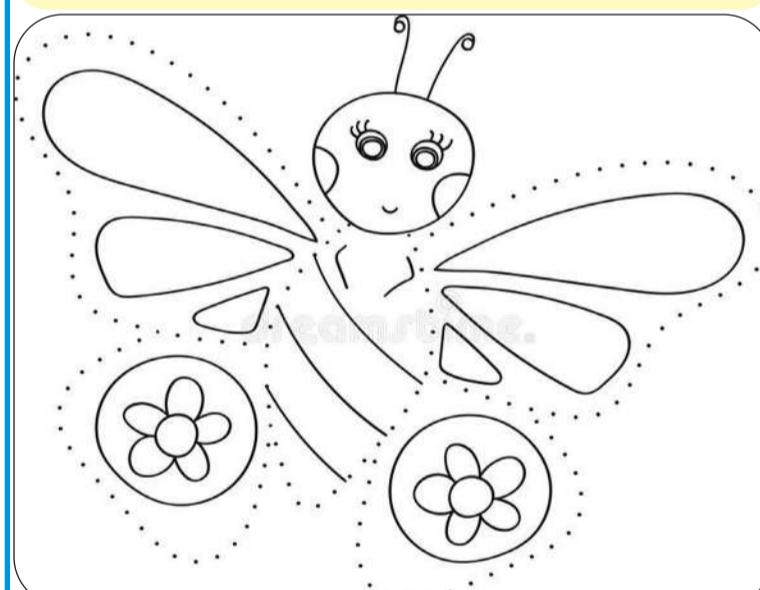


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MAZE



COMPLETE THE PICTURE



CAREER AID



Astronomy

Astronomy, the oldest and the most fascinating science, deals with all the celestial bodies and the material universe beyond the earth's atmosphere. It is the science of the Universe which includes the study of motion, nature, law, constitution, history and possible future developments of heavenly bodies like the sun, planets, stars, comets, meteors, galaxies, satellites etc.

Astronomy, sometimes considered as a sub-field of Physics is further divided into several branches such as Astrophysics, Astrometeorology, Astrobiology, Astrogeology, Astrometry, Cosmology etc. All these branches together helps to unravel the mysteries of the universe. It is a promising and amazing career for those who are interested in the mysteries of the universe and has a desire to unravel them. Since each country is going in for nuclear testing, the need for scientists in the field of Astronomy is increasing.

For entering into this field, one should be good at general physics. Astronomy is a vast field which varies from the instrument building teams to the theoretical branches where mathematical ability and physical intuition is essential. Apart from good programming skills, curiosity and ability to search out answers are also essential in this field. One's career in this field depends on what aspect of astronomy they are interested to work in.

If interested in doing instrumentation or experimental astronomy, one can opt for the engineering stream. Instrumental astronomy specialises in the design and construction of astronomical instrumentation at different wavelengths, for ground and space-based observatories. Experimental Astronomy acts as a medium for the publication of papers on the instrumentation and data handling necessary for the conduct of astronomy at all wavelength fields. Those who have chosen science stream can do theoretical astronomy or observation.

Eligibility

A doctoral degree is the usual educational requirement to become an astronomer, since most of the work tends to be related to research and development. Those who opt for this field, should pass their plus two examination under the science stream, specially in physics and maths. For pursuing a career in theoretical or observational astronomy one may go through the science stream after plus two. Since universities offering undergraduate programme in Astronomy are rarely found, one can join for a major/ honours in Physics with Mathematics as a subsidiary subject. Thereafter, take a master's degree in Physics or Astronomy. After the successful completion of MSc, one can do specialization in astronomy leading to Ph. D. which enables one to become an astronomer/ astronaut/ astrophysicist or a scientist/ research officer etc. in the field of space research.

Colleges and Institutes:
Osmania University : University College of Science, Hyderabad
Osmania University, Administrative Building, Hyderabad (Hyderabad Dist.) - 500007
Telangana
Shivaji University, Kolhapur
Vidyanagar, Kolhapur (Kolhapur Dist.) - 416004
Maharashtra
Cochin University of Science and Technology : Department of Atmospheric Sciences, Kochi
Lakeside Campus, Fine Arts Avenue, Kochi (Ernakulam Dist.) - 682016
Kerala
Andhra University : College of Science and Technology,

Vishakapatnam
Andhra University, Waltair ,
Vishakapatnam (Vishakapatnam Dist.) - 530003
Andhra Pradesh

Indian Institute of Science (IISc) : Department of Physics, Bangalore

Indian Institute of Science , Bangalore (Bengaluru Dist.) - 560012
Karnataka

Raman Research Institute, Bangalore
C. V. Raman Avenue, Sadashivanagar , Bangalore (Bengaluru Dist.) - 560080
Karnataka

Physical Research Laboratory (PRL), Ahmedabad
Navrangpura , Ahmedabad (Ahmedabad Dist.) - 380009
Gujarat

National Centre for Radio Astrophysics (NCRA), Pune
Tata Institute of Fundamental Research, Pune University Campus, Post Bag 3, Ganeshkhind , Pune (Pune Dist.) - 411007
Maharashtra

Indian Institute of Astrophysics, Bangalore
II Block, Koramangala , Bangalore (Bengaluru Dist.) - 560034

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