

Talent Corner

Poem — Lesson

Speak less; Hear more. Eat less; Earn more.
Run less; Walk more. Laugh less; Smile more.

Beauty is meaningless; If it doesn't get any attribution.
Education is meaningless; If it doesn't get any benevolence.

Wealth is unuseful; If it is of no use.
Weapon is purposeless; If there is no courage to be used it .

Spirit is useless ;If one is not in one's senses.
Life is worthless in itself ; If there is not any beneficence.

Education that just remains to be in a book and
the wealth that just remains with others' control.

That becomes useless after its right time comes .
Neither that education nor that wealth becomes useful.

Smile can put stamp on the friendship;
Nevertheless the tears itself can do enjoin
upon the working of the two.

Tara Chand Bhagat.

Poem — My Father

Supports me like a pillar,
Guides me like a mentor,
Teaches me like a teacher,
He is none other than "MY FATHER."

Plays with me like a kid,
Talks with me like a friend,
Sometimes, annoys me like my brother,
He is none other than "MY FATHER."

Motivates me like a coach,

Protects me like a hero,
Cares for me just like my mother,
He is none other than "MY FATHER."

Helps me everytime,
Encourages my strength,
Like whom there is no one other,
He is none other than "MY FATHER."

Sneha Patwari
Kunjwani, Jammu.

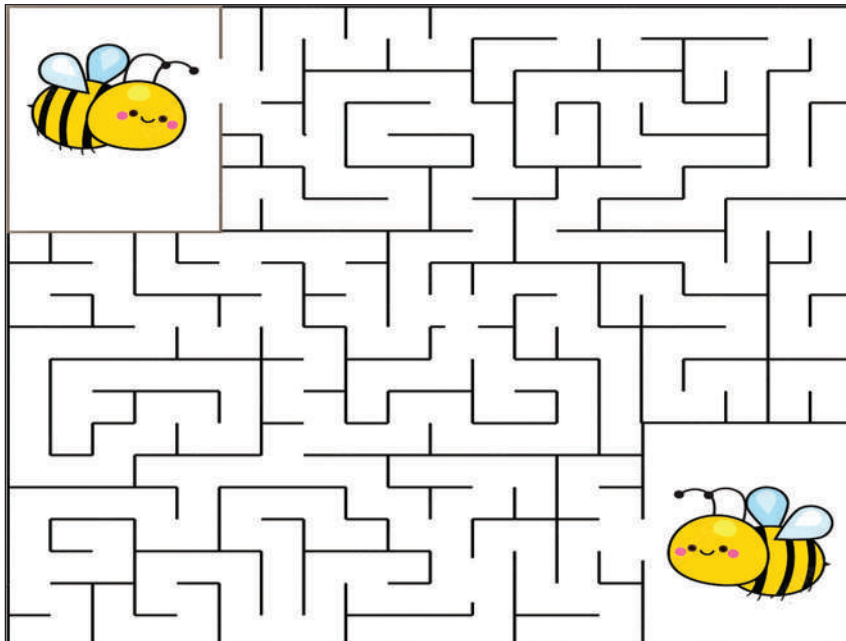
SUDOKU

1			5			7		
8								
2	9		8	3			5	
4				5	9			2
		1		2		8		
	8	7				1		
			3	9	4			7
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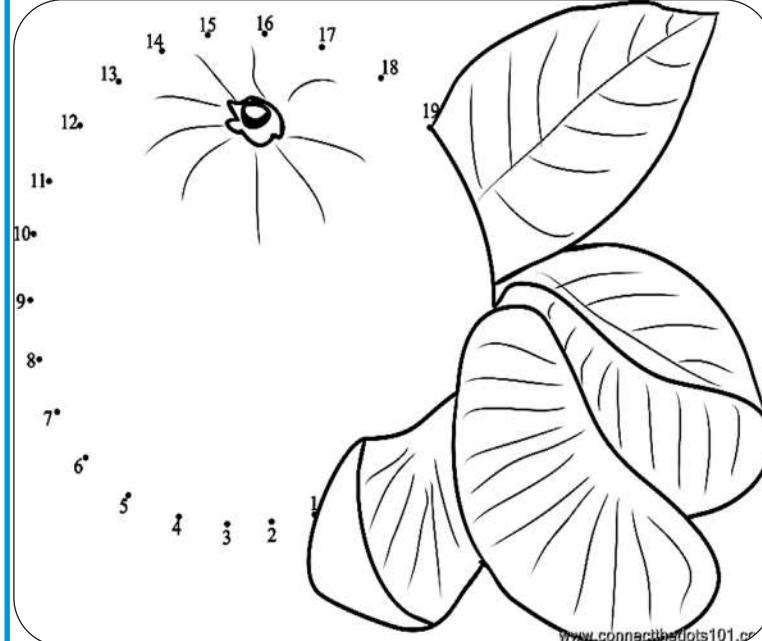
**SOLUTION
OF
LAST
WEEK
SUDOKU**

2	5	7	8	3	4	6	9	1
8	1	9	6	5	2	3	7	4
3	6	4	9	1	7	8	2	5
1	4	2	3	7	6	5	8	9
5	9	8	4	2	1	7	6	3
7	3	6	5	9	8	1	4	2
6	8	5	1	4	9	2	3	7
9	7	1	2	8	3	4	5	6
4	2	3	7	6	5	9	1	8

MAZE



COMPLETE THE PICTURE



CAREER AID

Nuclear Engineering

Nuclear engineering is the branch of engineering concerned with the design, construction and operation of nuclear reactors. It is a specialist engineering field focusing upon the fission and fusion of atomic nuclei. To be more specific, Nuclear engineering is the application of science to the generation and control of nuclear energy. These processes include the release, control and utilization of nuclear energy and the production and use of radiation and radioactive materials. Nuclear engineering is an engineering discipline that studies radioactive materials and radiation for use in a variety of fields, such as power, medicine and manufacturing. This engineering field is based on fundamental principles of physics and mathematics that describe nuclear interactions and the transport of neutrons and gamma rays.

Nuclear engineers generally work, directly or indirectly, in the nuclear power industry or for national laboratories. Their work place includes offices, research laboratories, power plant control centers, nuclear-powered ships and submarines. They utilize their knowledge in research or experiments that can lead to medical or engineering outcomes.

A nuclear engineer helps conduct research on nuclear reactions. During the construction of a nuclear power plant, nuclear engineers oversee the nuclear reactor being installed and ensure the nuclear fuel is being loaded properly. Some, nuclear engineers work chiefly in design engineering. They often design and develop new devices used to generate nuclear power.

Educational Qualification:

To enter in the field of nuclear engineering, one needs a minimum qualification of bachelors degree in nuclear engineering. Those with 10 + 2 level educational qualification or equivalent with Physics, Chemistry, Mathematics and English are eligible to pursue undergraduate degree program in engineering. After 10+2 they have to qualify the engineering entrance test. For high designation jobs Masters degree is required.

One has to clear Graduate Aptitude Test in Engineering (GATE) to seek admission for 2-year M.Tech program in nuclear engineering. There are also doctorate programs



(Ph.D) designed for students interested in entering nuclear engineering research or academia.

Baba Atomic Research Center (BARC) provides one-year training programme in nuclear energy, following which students are absorbed within the centre itself. Graduates can apply for this programme by writing the GATE exam.

Colleges and Institutes:

Annai Mathammal Sheela Engineering College, Namakkal
Erumapatty ,
Namakkal (Namakkal Dist.) - 637013
Tamil Nadu
SRM Institute of Science and Technology, Ramapuram
Campus, Chennai
Bharathi Salai,
Ramapuram ,
Chennai (Chennai Dist.) - 600033

Tamil Nadu

National Institute for Media Studies (NIMS), Ahmedabad
Upper Level, Panchdhara Complex,
Next to GNFC Towers,
S G Highway ,
Ahmedabad (Ahmedabad Dist.) - 380054
Gujarat
BARC Training School, Hyderabad
Nuclear Fuel Complex(NFC),
NFC Road, ECIL Post,
Secunderabad ,
Hyderabad (Hyderabad Dist.) - 500062
Telangana
Bhabha Atomic Research Centre, Mumbai
Trombay ,
Mumbai (Mumbai Dist.) - 400085

Maharashtra

Bhabha Engineering Research Institute, Bhopal
NH-12, Behind Vrindavan Garden ,
Bhopal (Bhopal Dist.) - 462003
Madhya Pradesh
Indian Institute of Technology (IIT Bombay), Mumbai
Powai ,
Mumbai (Mumbai Dist.) - 400076
Maharashtra
Indian Institute of Technology (IIT Madras), Chennai
I.I.T Post Office ,
Chennai (Chennai Dist.) - 600036
Tamil Nadu
Pandit Deendayal Petroleum University- School of Technology, Gandhinagar
Raisan Village ,
Gandhinagar (Gandhinagar Dist.) - 382007
Gujarat
Homi Bhabha National Institute, Mumbai
Office: 2nd Floor,
Training School Complex,
Anushaktinagar ,
Mumbai (Mumbai Dist.) - 400094
Maharashtra
GH Raisoni College of Engineering, Nagpur
CRPF Gate No.3, Hingna Road,
Digdoh Hills ,
Nagpur (Nagpur Dist.) - 440016
Maharashtra
School of Nuclear Energy, Gandhinagar
Gandhinagar (Gandhinagar Dist.)
Gujarat

If you have any ideas, poems, stories,
paintings that you would like to share with us,
please send it to

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or send via email to statetimes1@gmail.com