Education for the Real World!

EDGURUKUL.COM

ED GURUKUL ENRICHMENT ACADEMY

NAVIGATE SUMMER CAMP 2018

Happy Days are Here again……..

June 4 – August 17, 2018

Ed Gurukul is excited to provide your children with a great summer camp experience – **Navigate Summer Camp – Happy Days are Here Again**. We continuously improve our curriculum and activities and this year we have special offerings with an aim to provide enriching academic courses and exciting camp activities throughout the summer. **"All Skills Camp" contains all the skills needed to learn and enjoy in Summer.**

All Skills Camp:

The general camp program includes several academic courses including mental math, geography bee, select science, leadership education, creative writing, yoga, art and more. The program also includes many recreational activities including art & crafts, board games, origami and drama/skit writing. General Camp students also take weekly offsite (indoor) field trips to movie theaters, game and entertainment centers and other attractions.

Typical Day will look like as follows: (Timings may change on a weekly basis)

9 AM to 10 AM – Academic Skills Workshop one on each day – Math, Science, English, Social Studies.
10AM to 11 AM – Mind Body Workout (One on each day) – Yoga, Puzzle Solving, Critical Thinking, Presentation
11 AM to 12 Noon – Special Skill Development (One on each day) – Origami, Mental Math Tricks (Based on Vedic Math), Arts and Crafts, Hand Writing
12 Noon to 1 PM – Lunch
1 PM to 2 PM – Academic Skills Workshop one on each day – Math, Science, English, Social Studies

2 PM to 3 PM – Drama Club – Skit Writing and Presentation. Literary Club, Spelling Bee, Geography Bee.
3 PM to 4 PM - One on each day Chess Lessons, Chess Puzzles, Board Games, Legos/Robotics.
4 PM to 5 PM – Special Skill – Rangoli (Math and Art combined), Speech, Social Skill, Simple Living

We look forward to providing your children and fun and safe summer!

SPECIAL SKILLS ARE DEVELOPED THROUGH THE SUMMER

(Ed Gurukul Engineering – EdGineering)

Engineering the Young Brain to think creatively is a goal of Curriculum designers at Ed Gurukul. This year we have two levels of Robotics and Coding Camps available for children Grades K - 7.

Intro Level: Grades K through 2: Intro to computing –

- Coding Concepts using Scratch Jr.,
- Robotics using Lego WeDo™ Construction,
- Special Application Math Learning,
- Design Concepts.

Basic Coding Concepts will be introduced to young learners. Concepts like sequencing and loops to create an animated collage, a story and a Game will be taught. There will be a project at the end of the camp. Students must bring their iPad or Android tablet.

Students will do design work, develop simple robots and learn the concept of controlling Robots.

Students will be taught application Math and learn to apply mathematics principles in real life application.

Complete Instruction binder will be provided at the end of the workshop.

Elementary Level: Grades 3 to 5: Elementary Computing –

- Coding concepts,
- Robotics using Arduino based mBOT,
- Advanced Application Math used in engineering projects.

Using Scratch Programming basics of computing skills are taught. Introduction to Scratch method of Imagine – Create – Share Students will learn the basics concepts of coding like

sequencing, loops, variables, events and debugging. Animations, stories or games will be implemented.

Introduction to robotics with a demo of Arduino based mBOT.

Several Mathematics and Physics Concepts will be highlighted through the workshop.

Applied Concepts in certain Mathematics Areas will be exposed to students.

The course will end with a project.

Complete Instruction binder will be provided at the end of the workshop.

Intermediate Level: Grades 6 to 8: Intermediate Level Computing-

- Alice 3 / Python 2,
- Robotics using LittleBits,
- Concepts of Physics, and
- Applied Math will be covered.

Basics of computing with emphasis on advanced creative computing, 3D animations using Alice 3, Students will learn logical and computation thinking skills and fundamental principles of coding with an emphasis on object oriented concepts.

Robotics programming using LittleBits/Lego Mindstorm will be taught. Students will learn to do automation and integrate software with hardware and learn to appreciate the concept of linking.

Applied Physics in the Area of Robotics and Engineering will be taught. Application of Science in robotics and automation will be exposed to students.

Applied Mathematics will be covered. Students will learn a number of concepts of Math as applied to engineering and robotics.

The course will end with a project.

Complete Instruction binder will be provided at the end of the workshop.

SUPER
MARIO BROS.
SAMSUNG

Chess during summer (ONLY IN US)

Benefits of Playing Chess:

- **It can raise your IQ**
- **It helps prevent Alzheimer's**
- **It exercises both sides of the brain**
- **It increases your creativity**
- **It improves your memory**
- **It increases problem-solving skills**
- **It improves reading skills**
- **It improves concentration**
- **It grows dendrites**
- **It teaches planning and foresight**

Beginners through Intermediate students will be enrolled in the Summer Chess Camp 2017. Students will be taught in structured way the tactics and strategies. Some of the lessons as recommended by USCF are given below.

Students enrolled in the Summer Camp will be given opportunity to play in 2 USCF tournaments following each week of the Camp. Each session lasts for two weeks. Monday through Friday will be the coaching and casual play time and USCF tournament will be on Saturday from 2 PM to 5 PM. Winners will receive trophies.

Chapter 1
The Chess Board
And Pawn Movement

Chapter 2
Review of Pawns

Chapter 3
The Bishops

Chapter 4
The Rooks

Chapter 5
The Knights
and the Queen

Chapter 6
The King
Check & Checkmate

Chapter 7
Pawn Promotion
Stalement

Chapter 8
Castling

Chapter 9
Drawn Games

Chapter 10
Forcing Checkmate

Chapter 11
Opening Principles

Chapter 12
Forks

summer
camp

SCIENE during summer (ONLY IN US)

Weekly focus on EPIC Science Camp!

Each week campers use the scientific method to uncover the mysteries of the science-infused world around them, and beyond! The science program is designed with a variety of hands-on experiments and demonstrations in the following topics:

- Physics/Engineering
- Chemistry
- Biology/Earth Science
- Electronics
- Outer Space/Flight

Kids are naturally curious by nature. They are curious about how stuff works. That's why kids learn so much better when conducting experiments. After all “seeing is believing”. Learning through experimenting is an excellent way to learn science especially for very young kids.

Some of the topics that will be covered are as follows.

Unit Studies

- **Force and Motion**
- **Sweet Science**
- **Sun and Sky**
- **Branches of Science**

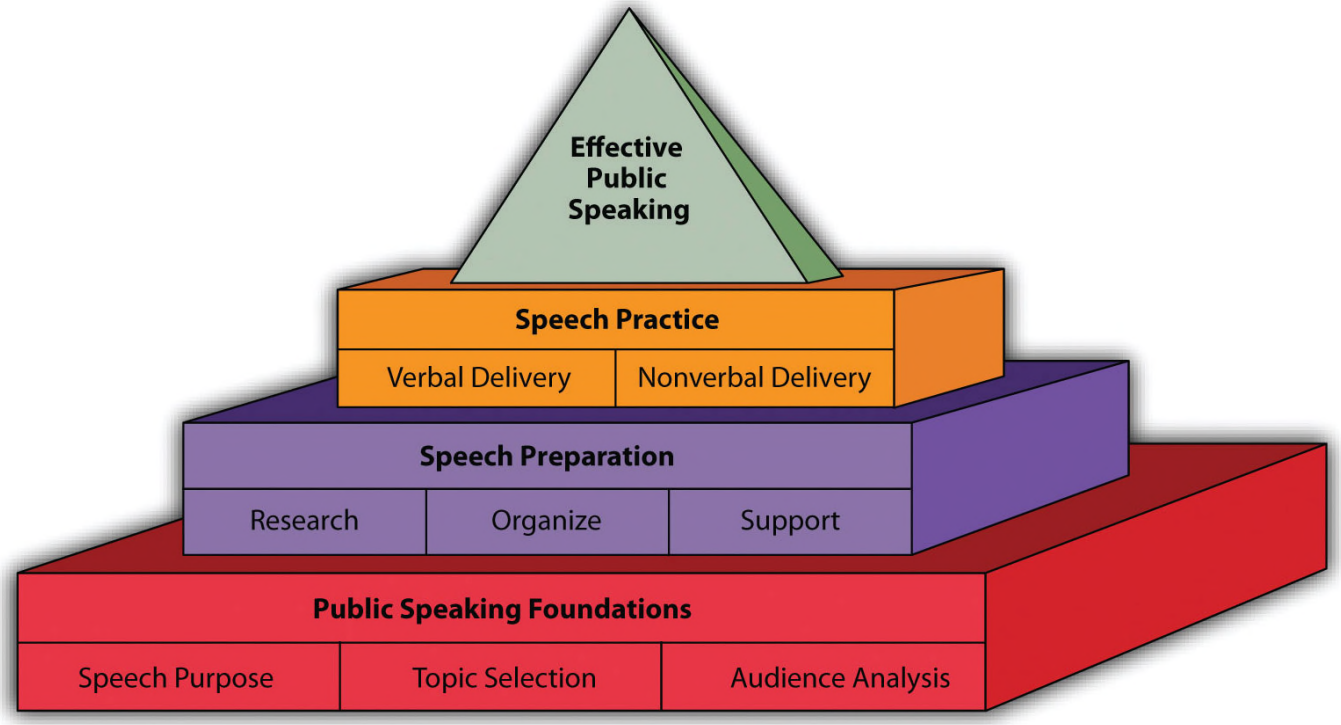
And more.

Project will be assigned after the first week of each session which students can do at home and bring during the second week and hence the camp session weeks are split.

Leadership – Summer (US AND INDIA)

CAMP INSTRUCTIONAL ACTIVITIES OFFERED:

Math, Science, Academics, and more Study Strategies
Speech Writing
Note-Taking/Mind Mapping
Memory
How to overcome fear and excel in Public speaking
8 Keys Of Excellence Character Program
21st Century Skills
Communication & Relationships
Leadership
Breaking Through Personal Barriers
Motivation & Goal Setting
Focus & Attention
Time Management
Taking Responsibility For Learning


Effective Public Speaking
Speech Practice
Verbal Delivery
Nonverbal Delivery
Speech Preparation
Research
Organize
Support
Public Speaking Foundations
Speech Purpose
Topic Selection
Audience Analysis

Summer Bridge Classes and Workshops

In addition to the Sumer Camps, Ed Gurukul Centers will offer the following Summer Bridge Classes and Workshops throughout summer.

Summer Bridge Courses and Workshops:

Courses:

- EdG Math – For students entering Grades PK through Grade 12.
- MY English – For students entering in Grades PK through Grade 10
- CT4GT – For Students entering in Grades PK through 7
- Sure Science – For Students entering K through Grade 10.
- ChessRocks! – Chess coaching classes for students from novice to Intermediate.
- Creative Writing – Special Write Right course from Grades 4 through 8.
- Phonics and Reading – Special 7 level program for students PK through 5
- Art of Handwriting – Improve your handwriting in this 7 level certification program
- Word Power – Improving your vocabulary and enhancing the style of writing and articulating – a 7 level certification program.
- Minute Math – Increase the speed of doing math in this 7 level certification program.

Workshops:

- Super Student: This is a 10 hour intense workshop spans over 2 weekends for students to increase performance both in academic and beyond.
- Finance for High Schooler: Students will be taken through the journey of understanding money matters in this 10 hour workshop spans over 2 weekends.

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Contact:

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