



Shiva-Vishnu Temple

Om Namah Shivaya Om Namo Narayanaya

Hindu Community and Cultural Center

1232 Arrowhead Ave, Livermore, CA 94551

A Non-Profit Organization since 1977

Tax ID# 94-2427126; Inc# D0821589

Tel: 925-449-6255; Fax: 925-455-0404

Web: <http://www.livermoretemple.org>

HCCC Youth & Education Presents

STEM+ Summer 2019 Workshops

When: 5- 6 Saturdays
(starting from 06/29/2019)
Time: Check for each class
Who: 5-18 Years

**** This Program is Free ****

Limited Seats (20 For each)
Online Registration: Required
Venue: Tirumala Hall, Temple

Program Coordinators:
Srikali, Goutam, Vivek and Prasanna

Workshop Details

Workshop 1: Pre-Algebra (WS3)

- Introduction to Algebra
- Rigorous learning of Pre-Algebra
- Getting ready for Algebra

Instructor & Mentor:

Bheemesh Chinta

Time: 10:30 am – 11:30 am

Workshop 2: Cryptozoology (WS6)

- Intro to the wonderful world of mythical and ancient creatures like dragons, dinosaurs etc
- Their body structure and composition

Instructor & Mentor:

Keval Doddapaneni

Time: 11:30 am – 12.30 pm

Workshop 3: Java Programming (WS8)

- Introduction to Programming
- Introduction to Java
- Programming constructs
- Small Project

Instructor & Mentor:

Srivishnu Vedanthi

Time: 1:00 – 2.00 PM

Workshop 4: Android Programming (WS4)

- Introduction to App Development
- Android vs. IOS
- Group Small App Development
- Projects

Instructor & Mentor:

Bindu Raj

Time: 10:30 am – 11:30 am

(Workshop Details to be continued on the next page)

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Workshop Details

Workshop 5: Poetrography (WS5)

- Poetry Workshop
- Photography
- Matching Poetry to Photos to create Poetrography, and coffee table books

Instructor & Mentor:

Srikali Varanasi & Sumedh Vedanthi

Time: 11:30 am – 12:30 pm

Workshop 6: Intro to Animation, Video and Movie making (WS9)

- Art in Motion
- Animation, Character Design
- Introduction to Videos and Movie Making

Instructor & Mentor:

Sumedh Vedanthi

Time: 2:00 pm – 3:00 pm

Workshop 7: Seminars on Mathematics, Science and English (WS10)

- Interactive session on the origin of concepts like Pi, Pythagoras theorem
- Application and use of the concepts
- Interesting and fun way to learn

Instructor & Mentor:

Shruthika & Meena

Time: 2:00 pm – 3:00 pm

Workshop 8: Finance for Parents and Young Adults (WS13)

- Basics of Finance
- Savings and Credit
- How to secure your family finance to achieve your goals
- A must attend for most families

Instructor & Mentor:

Madhuri Kaja

Time: 3:00 pm – 4:00 pm

Workshop 9: Tirukkural (WS1)

- Tamil Poetry on Good Sayings
- How pronounce and chant
- Techniques to master, memorize and know the meanings

Instructor & Mentor:

Harirajan Viswanathan

Time: 9:30 am – 10:30 am

Workshop 10: Build a Computer Together (WS11)

- Introduction to Computer Parts
- How to build a computer from scratch
- Build together and learn

Instructor & Mentor:

Pranae Harirajan

Time: 11:30 am – 12:30 pm

(Workshop Details to be continued on the next page)



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Workshop 11: Lego Robotics (WS14)

- Intro to Lego Robotics
- Building small robotics applications with lego based robotics

Children from 5-10 years

Instructor & Mentor:

Madhuri Kaja

Time: 3.00 PM – 4.00 PM

Workshop 12: Digital Media and Creativity (WS15)

- Importance of children movies in education
- Partial children movie reviews
- Observation, Analysis and Appreciation

Instructor & Mentor:

Srivishnu Vedanthi & Sumedh Vedanthi

Time: 3.00 PM – 4.00 PM

Workshop 13: Rangoli for Joy and Healing (WS2)

- One day workshop
- Creative Rangoli Techniques and Patterns
- Use for happiness and healing

Instructor & Mentor:

Varuni Rao

Time: 9.30 AM – 12:30 PM (Tentative)

Workshop 14: e-Farming and Microgreens (WS7)

- Microgreens and its importance in health
- How to grow microgreens at home and benefit from it
- All materials will be provided to grow your own microgreens (Trays, seeds, grow medium, soil/soil-less)
- Material cost for the kit will be announced on the orientation on 06/29/2019

Instructor & Mentor:

Goutam Vedanthi

Time: 9:30 am – 10:30 am (Tentative)

Workshop 17: Build your own Rhyming Robo-Toy (WS17)

- One day 4 hours workshop
- Build your own soft toy which can sing rhymes, Sanskrit slokas etc
- Material Cost involved. Will be informed in the orientation

Instructor & Mentor: **Sastry Vemparala**

Date and Time: **TBD**



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Workshop 15: Health, Wellness and Nutrition (WS12)

- What is Health and Wellness?
- Science behind Health and wellness
- Watching out for fad-diets
- Food Paradigm

Instructor & Mentor:

Goutam Vedanthi

Time: 3.00 PM – 4.00 PM (Tentative)

Workshop 16: Introducing Basket Ball for Children

- Basket Ball for children between 5-11 years
- Introduction Lessons
- Depending on the availability of basket ball court, this program will be in either in Livermore or Dublin

Instructor & Mentor:

Sri Lakshmi Kotaru

Time: 4.45 pm – 6.00 pm

Important Points to Note:

Laptop is Required for every student for Programming Workshops

Some programs may require a nominal material cost (Building Computer Together and Microgreens)

For more details send an email or call the program coordinator

Those who complete the workshops without skipping classes will receive certificate of completion

Dates and times of starting may change if required by the mentors

Click the Link Below for Registration

[STEM+ Summer Workshops 2019](#)

Youth & Education Program Questions?

Contact: **Vandana Bhanoori**, Youth & Education EC Chair

ec_youth_education@livermoretemple.org

Workshop Questions? (Contact after 6 PM)

Srikali Goutam – 510-506-3706

Vivek Deshpande – 661-312-3274

Prasanna – 786-393-8191



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