

Maker Party 03/07

03 JULY 2017 / 10:00 PM / GOOGLE HANGOUTS

ATTENDEES

Srushtika, Subhrajyoti , Veeresh

AGENDA

Colour code: Green – All, Sru – Purple, Veeresh – Orange, Subbu – Mahroon

Plan

1. **Ice-breaker (Goodie)** – Kids discuss the common games they play. The kid to connect with the most no. of co-gamers wins a goodie !
2. **Ask : How does the internet work** – Kids shall think about it interestingly. **Ans – Use the game exchange analogy.** (for a friend who lives far away) Offline exchange using pendrives vs. online exchange.
3. **Activity -pass verbal message:** Two ppl in two corners. Ask how would they communicate given that they aren't audible to each other. Let them answer and then give a solution. **Ans – Make use of friends standing in between.**
4. **Define terms: Sender, Receiver, Server.**(Reference to point 3)
5. **Fun activity – Show Doraemon's, Nobita's, Jian's picture** – Identify the character.
6. **Hacking activity – guard the box !** Let a hacker take it. Guards wouldn't allow.(doraemon example) – **Define terms – Hacker, Hacking and Security**

Hacker – Jian

Sender – Nobita

Receiver – Shuzuka

Security – Doraemon's gadget guards

Message put inside a box (secured)

7. **Show a video - (Packet)** - <https://www.youtube.com/watch?v=07CuFlM4V54>

8. **Describe packet transfer** - Normal understandable definition.

9. **Question: Why the message has to be broken down into packets?** (Imagine The sweet box is too heavy for a person to carry)

10. **Explain IP addresses & Domain names** using contact numbers vs. Names saved.

11. **Maze activity** - kids reach the website of their choice by following the lines drawn chalk, tape. Facebook, Youtube, Google, Flipkart.

- How long did it take you to get all the way from the computer through the Internet to the website?
- Do you think a computer moves faster through the Internet than you did?
- What happens on the Internet when you type a Web address and hit enter?
- What are the "parts" of the Internet?
- How do large amounts of information ever travel through networks if the carrier can't handle so much load ?
- What's the difference between the Internet and the World Wide Web?
 - Ans. Bike is internet and friends' houses throughout city exist. Hence, in this case the city is the WWW.

9. **Ping demonstration** on Terminal (if possible)

10. **Correlate the web and webpage.** Use bing as example.

11. **Inspire them to build their own website.** -Tell them how can they become famous.

ACTIVITIES TO DO FOR THE 1ST WEEK:

1. Ping activity
2. Draw your dream webpage on a sheet of paper. The best one will be built by us real time, next week.

ACTION ITEMS

1. Goodies
2. Buy coloured tape / Chalk

REQUIREMENTS/AMENITIES

1. Empty hall.
2. A projector + speaker enabled screen.