



Scratch Training

*code::XtremeApps::2010
Junior Category*

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Information Technology
Standards Committee



School of Computing



Outline



- About CXA Junior Category
- Introduction to Scratch & Quick Demo
- Scratch Training (Part I)
- Break
- Scratch Training (Part II)
- CXA-2010 Tagline and Team tasks

About CXA



- **code::XtremeApps:: competitions**
 - Started in 2007...
 - different from other software competitions (NSC, NOI, IOI etc)
 - based on *open* standards, *freely* available tools and platform, (*fun* to program)
 - Open Cat: *24 hours non-stop* coding jam

Fun Platforms



- **CXA-2007**
 - GoogleMap Mashups, Google WebToolkit
 - Ruby on Rails
- **CXA 2008**
 - AdobeAir, IBM ProjectZero
- **CXA 2009**
 - Android, Python
- **CXA 2010**
 - GermaniumWeb, JBoss, Project Nimbus

CXA Junior

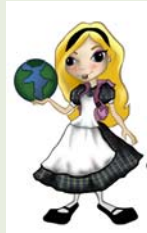


- **2008 – Started Junior Category**
 - Fun easy-to-learn programming environment
 - For children 12 and below
 - Team based project (encourage teamwork)
 - Partnership with NYGH (Yeah!)
 - Providing venue to host event
 - Providing Mentors for the teams
 - And many other help...

History of CXA Junior Category



Alice



2008

<http://www.alice.org/>

Squeak



2009

<http://www.squeakland.org/>

Scratch



2010

<http://scratch.mit.edu/>

Team Mentor



- **Each team is assigned a mentor**
 - Student in NYGH InfoComm Club
- **Act as a mentor to the team**
 - can get help from them
 - send them email/sms to ask about your project
 - send them your test project

Ice Breakers



- **Let's Get to Know Each Other...**



About Scratch

- MIT Media Lab
- Lifelong Kindergarten Group

The image is a poster for the 'code Xtreme Apps' competition. It features the same logo and photo of the girl and boy as seen in the top right. The poster contains the following text:

The Junior Category for the codeXtremeApps competition is back again this year!

Use your creativity and have fun while developing interesting programmes or animations using Scratch - free educational software. What if you don't know how to use Scratch? Training will be provided!

WHO CAN ENTER?

The competition is open to children 11 years and below from primary schools, international schools or home schools.

Form a dynamic team comprising 3rd members to register for the competition. Team members need not be from the same school.

WHAT ARE THE DATES?

Go to the ITSC website at www.itsc.org.sg or contact the ITSC Secretariat at itstdesign@itsc.org.sg for more information.

COMpetition Schedule

11 April 2015	Launch of codeXtremeApps 2015
11 May - 13 June 2015	Training on Scratch at Haring Hall High School
26 June 2015	Closing date for submission of competition entries
1 July 2015 - 17 July 2015	Judging of submissions online at Haring Hall High School Final presentation ceremony

PRIZES

1st Place	Three books or e-readers for each team member
2nd Place	Two books or e-readers for each team member
3rd Place	One MP3 player or e-reader for each team member

Let your imagination go. Sign up today at www.itsc.org.sg!

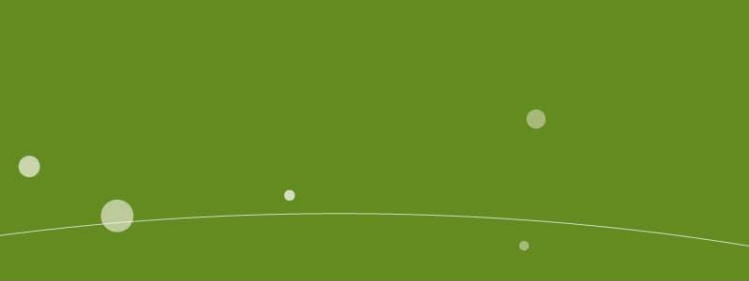
Organized by ITSC and siren. Sponsors include Intel, Microsoft, and others.

Scratch Apps



- Where to get Scratch(ed?)
 - <http://scratch.mit.edu/>
 - Download and install
- View sample project (1)
 - <http://scratch.mit.edu/projects/Adventurest1/973552>
 - (done by <http://scratch.mit.edu/users/Adventurest1>)
- View sample project (2)
 - A Maze Game
 - Done by Kia JieHui & Gwyneth Teo





Goto Scratch Training Part I

Team Task



- **From NOW to 28-June-2010**
- **Work on your entry that will address the competition “tag-line”**
- **Your entry can be a story, a game, an animation, a quiz or any combination of these.**

Tag Line



- **Code::XtremeApps::2010
Junior Category Tagline**

**“Caring for our
clean & green environment”**

Some Advice



- **START EARLY (start NOW!)**
- **Set up your first meeting**
 - Brainstorm ideas,
 - Organize / Plan out your “play”
 - Try out ideas with small test programs
- **Get help early (mentor)**
 - Help you to revise plan, if necessary

Work with Mentors



- **Communicate with Mentors**
- **Tell mentor your ideas**
- **Get comments from them**
- **Get help from them, if necessary**

Mid-Term Review



- **Mid-Term Review**
 - 22 June 2010, Tuesday
 - 10am -- 12nn
 - NYGH, Computer Lab 1 (here!)
- **Purpose:**
 - Review your project progress
 - Give feedback to you
 - Answer your queries, if any
 - Network with our teams, have FUN!

IMPORTANT



- **Read the Rules of the Competition**
 - About Submission Deadline
 - About what to submit
 - About the Judging Day
 - About Judging Criteria



Thank you!

- Learning More:
 - <http://scratch.mit.edu/>
- Download other people's program
 - **Learn and Share**
- Questions? Go to the discussion forum