Lesson Plan

|  |  |
| --- | --- |
| **Date** | **Content** |
| Lesson 1 | * Introduction to websites, * Introduction to HTML/CSS * Inspect element |
| Lesson 2 | * Head, Body * H1-H6, P, IMG, VIDEO * Css: style tag * Id, Classes * Font color, font family, font size |
| Lesson 3 | * Bold, Italics, Underline * Lists, A * Color theory * Background color, border |
| Lesson 4 | * Div, Span, Grid * Margin, padding |
| Lesson 5 | * Navigating web resources * Some problems (that can be googled, stack overflow, W3C, MDN) |
| Hackathon | * 6 hour Hackathon: * 8.30 AM - 9 AM - Problem description * 9 AM - 3 PM - Hack time (inclusive of Lunch) * 3 PM - 4 PM - Judging + Presentation |

Notes on workshop:

* The 5 day workshop Students who sign-up after the TED talk in the previous week. The TED talk will be conducted on 14th or 15th of Dec.
* We will run 3 x 45 minute classes in the programming lab from 18 - 22 Dec.
* Each student will attend the workshop every day for 1 x 45 minute class
* Therefore, we can accommodate 3 x (size of programming lab) = 3 x 50 = 150

Notes on hackathon:

1. 30 min introduction

* Geared towards enthusiastic students
* Hope to help them create a computer club

1. 6 hour hackathon

* Teams of 4 students each
* We guide them throughout to help them build an idea they have
* We encourage students to come up with their own ideas
* If not, we can give them inspiration via sample websites

1. 1 hour judging + presentation

* Each group does a short presentation of the new things they learnt while making their website.
* Measure the number of unique tags and/or style elements the teams used.

Hackathon topics:

* School website
* Personal portfolio
* City’s website (tourist attractions, history)