

Arts & Bots Professional Development

February 2016 - Full Day Program (8 AM - 4PM)

This is an example schedule of a workshop covering the four main training units: **Hardware & Software, Building Project, Curriculum Brainstorming, and Talent Identification**. This is a shortened schedule which briefly covers all four topics however our recommended program is done over two days, with additional time spent on Robot Construction Time and more time discussing student talent identification.

| Time | Length | Topic |
|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:00 AM | 0:10 | Introduction to Arts & Bots Project |
| 8:10 | 0:10 | Introduction to Robotics & Sense-Think-Act Overview of Hardware Components |
| 8:20 | 0:50 | <ul style="list-style-type: none"> Distribute Mini-Bots Programming Instructions Follow Along w/ Component Reference Sheet |
| 9:10 | 0:40 | Programming Sequences <ul style="list-style-type: none"> Brown Bear Activity |
| 9:50 | 0:40 | Programming Sensors <ul style="list-style-type: none"> Parking Helper Activity |
| 10:30 | 0:10 | Introduce Project <ul style="list-style-type: none"> Design Notebook |
| 10:40 | 1:20 | Robot Construction Time Robot Demonstrations |
| 12:00 PM | 0:10 | <ul style="list-style-type: none"> Joys and Concerns and Turning Challenges into Possibilities Discussion |
| 12:10 | 0:30 | Lunch Break |
| 12:40 | 0:20 | Review Curriculum Support Documents <ul style="list-style-type: none"> Tip Sheet Arts & Bots Materials List Arts & Bots Resources |
| 1:00 | 0:60 | Brainstorm Curricular Project Ideas <ul style="list-style-type: none"> Arts & Bots Project Worksheet |
| 2:00 | 0:15 | Project Idea Share Out Discussion |
| 2:15 | 0:15 | Clean-Up Projects |
| 2:30 | 0:15 | Introduce Talent Identification |
| 2:45 | 0:20 | Read Talent Definitions |
| 3:05 | 0:20 | Discussion of Talent |
| 3:25 | 0:35 | Talent - Example Projects and Robots |
| 4:00 PM | | End of Workshop |

