



2012 CREATE Micro Challenge Schedule/Description Nano Nano

Schedule

Schedule for Saturday, March 17th

Session 1

8:30AM-9:00AM	Registration
9:00AM-9:15AM	Introduction and explanation of the challenge.
9:15AM-9:30AM	Explore.
9:30AM-10:15AM	Design and Build.
10:20AM-10:40AM	Explain what and why.
10:40AM-5PM	Check out all the other competitions.

Session 2

11:00AM-11:30AM	Registration
11:30AM-11:45AM	Introduction and explanation of the challenge.
11:45AM-12:00PM	Explore.
12:00PM-12:45PM	Design and Build.
12:50PM-1:10PM	Explain what and why.
1:10PM-5PM	Check out all the other competitions.

Session 3

1:15PM-1:45PM	Registration.
1:45PM-2:00PM	Introduction and explanation of the challenge.
2:00PM-2:15PM	Explore.
2:15PM-3:00PM	Design and Build.
3:05PM-3:25PM	Explain what and why.
3:25PM-5PM	Check out all the other competitions.

Description

- Each team will be given the same set of supplies:
 - 1 Nano Habitat (Plastic interlocking pieces that allow many different combinations.)
 - Additional habitat connecting pieces
 - 5 Nano robots
 - White and Colored paper
 - Scissors
 - Colored pencils
 - Tape
 - 1 set of tiles to build a 4'x4' "platform" on which to build their Nano habitat.
- The students will then be presented with the following challenge:
 - Nanos are tiny robots that have been built to be very similar to human beings. Four things are very important to them.
 - They enjoy being with other Nanos at times.
 - They also enjoy being alone at times.
 - They enjoy being entertained and having fun
 - They like to be safe.
- With the equipment you have been given please design and build the Nanos a town that helps them do the things they like.
 - You have 15 minutes to explore all of your equipment and Nanos.
 - You have 45 minutes to build the Nano town.
 - Once complete you will then get to explain what you built and why.