



## 2015 CREATE Micro Challenge Schedule/Description Nano Nano

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### Schedule

Schedule for Thursday, April 9<sup>th</sup>

#### 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-5:00PM	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-5:00PM	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-5:00PM	Check out all the other competitions.

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### Description

1. Each team will be given the same set of supplies:
  1. 1 Nano Habitat (Plastic interlocking pieces that allow many different combinations.)
  2. Additional habitat connecting pieces
  3. 5 Nano robots
  4. White and Colored paper
  5. Scissors
  6. Colored pencils
  7. Tape
  8. 1 set of tiles to build a 4'x4' "platform" on which to build their Nano habitat.
2. The students will then be presented with the following challenge:
  1. Nanos are tiny robots that have been built to be very similar to human beings. Four things are very important to them.
  2. They enjoy being with other Nanos at times.
  3. They also enjoy being alone at times.
  4. They enjoy being entertained and having fun
  5. They like to be safe.
3. With the equipment you have been given please design and build the Nanos a town that helps them do the things they like.
  1. You have 15 minutes to explore all of your equipment and Nanos.
  2. You have 45 minutes to build the Nano town.
  3. Once complete you will then get to explain what you built and why.