Builder's Club: Tween Edition
For kids entering 4th through 8th Grade

# of Programs:	Location:
Weekday:	Dates:
Time:	Staff:

Description: Each class has a separate registration.
Kids can attend one or all sessions.

All classes will be in a collaborative format (working in groups to solve a problem or to create a project).

- Thursday, June 8: KEVA Planks
  Create architectural structures out of simple wooden blocks and experiment with gravity, balance, and geometry.

- Thursday, June 22: Snap Circuits
  Learn about the function & role of resistors, capacitors, transistors, motors, and circuits. Use this knowledge to complete a circuit building challenge with our Snap Circuit kits.

- Thursday, July 13: Mouse Maze
  Maze Challenge: In this basic introduction to coding concepts, kids will set up a maze for their robot mouse to navigate. We'll use if-then-logic, problem solving, and critical thinking to build a maze and lead our mouse to the finish line!

- Thursday, July 27: Makey Makey
  Learn basic concepts of science and electronics in this introduction to Makey Makey. Kids will work in teams to create homemade (and functional) videogame controllers using Play Doh and alligator clips!

- Thursday, August 10: Cardboard Creations
  Explore construction techniques using cardboard! Kids will use exacto knives, hot glue guns, duct tape, paint, and other makerspace supplies to build a cardboard creation. Entries may be submitted to the upcoming Sculpture Walk at Tiny Tot Town if dimensional criteria is met.

WAITING LIST IS PRINTED ON THE BACK OF EACH SIGN UP. STAFF WILL CONTACT THE WAITING LIST FAMILIES 24-48 HOURS BEFORE THE EVENT IF A VACANCY OCCURS.

Builder's Club Tween: KEVA Planks

For kids entering 4th through 8th Grade

# of Programs:	Location:
Weekday:	Dates:
Time:	Staff:

Description: Create architectural structures out of simple wooden blocks and experiment with gravity, balance, and geometry. Maximum of 14 participants.

	Name	Age	Grade	Phone Number
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				

Builder's Club Tween: KEVA Planks — For kids entering 4th through 8th Grade

# of Programs:	Location:
Weekday:	Dates:
Time:	Staff:

WAITING LIST

	Name	Age	Grade	Phone Number

Builder's Club Tween: Snap Circuits **For kids entering 4th through 8th Grade**

# of Programs:	Location:
Weekday:	Dates:
Time:	Staff:

Description: Learn about the function & role of resistors, capacitors, transistors, motors, and circuits. Use this knowledge to complete a circuit building challenge with our Snap Circuit kits. Maximum of 12 Participants.

	Name	Age	Grade	Phone Number
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				

Builder's Club Tween: Snap Circuits **For kids entering 4th through 8th Grade**

# of Programs:	Location:
Weekday:	Dates:
Time:	Staff:

WAITING LIST

	Name	Age	Grade	Phone Number

Builder's Club Tween: # Maze Challenge

# of Programs:		Location:	
Weekday:		**Dates:**	
Time:		**Staff:**	

Description: Maze Challenge: In this basic introduction to coding concepts, kids will set up a maze for their robot mouse to navigate. We'll use if-then-logic, problem solving, and critical thinking to build a maze and lead our mouse to the finish line! Maximum of 10 participants

	Name	Age	Grade	Phone Number
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

Builder's Club Tween: Maze Challenge

For kids entering 4th through 8th Grade

# of Programs: **Location:**

Weekday: **Dates:**

Time: **Staff:**

WAITING LIST

	Name	Age	Grade	Phone Number

Builder's Club Tween: Makey Makey

For kids entering 4th through 8th Grade

# of Programs:	**Location:**
Weekday:	**Dates:**
Time:	**Staff:**

Description: Learn basic concepts of science and electronics in this introduction to Makey Makey. Kids will work in teams to create homemade (and functional) videogame controllers using Play Doh and alligator clips! Maximum of 10 participants.

	Name	Age	Grade	Phone Number
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

Builder's Club Tween: **Makey Makey**

# of Programs: **Location:**

Weekday: **Dates:**

Time: **Staff:**

WAITING LIST

	Name	Age	Grade	Phone Number

Builder's Club Tween: # Cardboard Creations

For kids entering 4th through 8th Grade

# of Programs:	Location:
Weekday:	Dates:
Time:	Staff:

Description: What's the coolest thing you can make out of cardboard within an hour? Let's find out! Exacto knives and hot glue guns will be in use— all supplies provided by the library! Maximum of 12 participants.

	Name	Age	Grade	Phone Number
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				

Builder's Club Tween: Cardboard Creations

# of Programs:	Location:
Weekday:	Dates:
Time:	Staff:

WAITING LIST

	Name	Age	Grade	Phone Number