

New Jersey's Partnership for Afterschool Science and Engineering presents...

# Design It!

An Afterschool Engineering Program for Ages 8-12

Now enrolling afterschool sites for 2015-2016.  
An enrollment form and deposit are due **June 12**.

**Check out our website below for more information and a description of enrollment options and packages.**

Rutgers Cooperative Extension 4-H Youth Development and NJSACC - The Network for New Jersey's Afterschool Communities, are proud to offer **Design It!**, an engaging, inquiry based, and fun STEM program designed specifically for afterschool. This comprehensive program was developed by the Education Development Center, Inc. (EDC) in Boston through the support of the National Science Foundation.

Rutgers and NJSACC will provide:

1. materials kits
2. curricula
3. professional development
4. ongoing support to school and community based afterschool organizations who enroll by June 12.

This is a full-year program that includes six engineering projects. Each of the six projects lasts approximately one month, with youth meeting in their "Junior Engineer" club once a week for the duration of the program.

Selected **Design It!** projects for 2015-2016 include:

- Balls and Tracks
- Gliders
- Paper Bridges
- Rubber Band-Powered Cars
- Straw Rockets
- Trebuchets.

Youth work in teams to design, build, and test their models - repeating the process as they optimize their design.

*"I love the aspect of designing and exploring with hands-on science - as opposed to old-school rote learning that was completely uninspiring."*

*"I loved being able to do the projects instead of just sitting here and listening. It was a lot of fun! The presenters were awesome!"*

*"This was great - best workshops ever!"*

2014 **Design It** and **Explore It** participating teachers and afterschool staff

[nj4h.rutgers.edu/designit](http://nj4h.rutgers.edu/designit)



# Design It! Enrollment Form

Name of Organization: \_\_\_\_\_  
(school, 21st CCLC, youth organization, etc.)

Address of Organization: \_\_\_\_\_

Primary Contact for this Program: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

**See our website below for a full description of each enrollment option/package.**



**Full Package (Six Project Pack)**

\$1,800 (October, 2015 - June, 2016)

Curricula, Materials, and Workshops for All Six Projects

Balls & Tracks, Paper Bridges, Gliders, Rubber Band-Powered Cars, Trebuchets, and Straw Rockets

_____ Full Package(s)	X	\$1,800	=	_____
_____ # of additional staff beyond 3 (if any)	X	\$150	=	_____
_____ # of additional sets of materials kits	X	\$500	=	_____

**Partial Package (Four Project Pack)**

\$1,350 (October, 2015 - March, 2016)

Curricula, Materials, and Workshops for Four of the Six Projects

Balls & Tracks, Paper Bridges, Gliders, and Rubber-Band Powered Cars

_____ Partial Package(s)	X	\$1,350	=	_____
_____ # of additional staff beyond 3 (if any)	X	\$100	=	_____
_____ # of additional sets of materials kits	X	\$350	=	_____

TOTAL \_\_\_\_\_

**50% deposit (or full payment) is due by June 12, 2015. Final payment is due no later than September 18, 2015.**

Send payment (checks payable to NJSACC) and enrollment form to:  
 NJSACC, Attn: **Design It!** 231 North Avenue West #363, Westfield, NJ 07090.

Purchase Orders and credit cards are accepted - contact Mike MacEwan at 856-701-3960 for questions regarding payment. Over the summer, additional information will be emailed to your organization's primary contact.

\$1,800 is an investment of \$90 per youth for approximately 6-months of afterschool science and engineering for a group of 20 meeting in a "Junior Engineer" club once a week. This is \$15 per youth per project and includes three full-day workshops for up to three staff, all curricula guides for each workshop attendee, all



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