



# Primary Build and Play

## Recommended Age: 5 and up

Can you build a Tree Village with methods for transporting things from ground to tree, or from tree to tree? Can you design the best playground for giving kids fun activities while keeping them out of the sun? There are lots of engineering and design possibilities with these building sets and they come with plenty of suggestions and questions for you to stretch your child's critical and creative thinking!

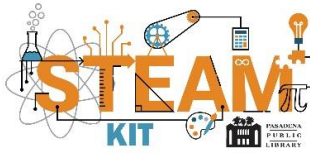


Steam Kits were supported in whole or in part by the U.S. Institute of Museum and Library Services under the provisions of the Library Services and Technology Act, administered in California by the State Librarian.



# Contents List

- **Book: If I Built a House**
- **Book: Iggy Peck, Architect**
- **Tree House Building Set**
  - 1 Activity guide
  - 5 Challenge cards
  - 1 Green wood platform
  - 1 Green tree platform
  - 1 Green round base
  - 3 Green tree leaves
  - 5 Green triangular decks
  - 1 Orange character
  - 1 Orange gear
  - 1 Red bucket
  - 1 Blue pulley post
  - 3 Brown 45-degree posts
  - 8 Brown long posts
  - 6 Brown short posts
  - 6 Purple rail rungs
  - 2 Purple rail edges
  - 5 Blue planks
  - 1 Blue 15" string
- **Skate Park Building Set**
  - 1 Activity guide
  - 5 Challenge cards
  - 2 Green straight ramps
  - 1 Blue curved ramp
  - 8 Gray long posts
  - 8 Gray short posts
  - 2 Blue flags
  - 4 Red platforms
  - 1 Red skateboard
  - 1 Blue skateboarder figure
  - 2 Orange rail ledges



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- 6 Orange rail rungs
- 2 Orange cones
- **Playground Building Set**
  - 1 Activity guide
  - 10 Challenge cards
  - 2 Blue slide pieces
  - 1 Black tire
  - 1 Yellow swing seat
  - 1 Purple platform
  - 1 Orange hook
  - 1 Green handle
  - 2 Green seesaw planks
  - 6 Blue triangle connectors (1 with loop)
  - 1 Blue circle connector (for triangle pieces)
  - 7 Yellow round bases
  - 4 Purple rod connectors
  - 2 Green swing connectors
  - 1 Green gear base
  - 2 Orange round poles
  - 2 Orange round connector poles
  - 8 Green short square poles
  - 8 Green long square poles
  - 6 (7) Green base connectors
  - 4 Green connecting planks
  - 4 (5) Orange gears
  - 1 Zipline pole
  - 1 Blue 30" string
  - 2 Figures (1 Green, 1 Purple)
  - 26 (28) Blue links



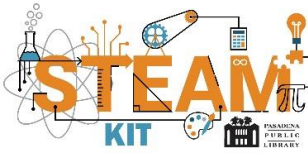
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# Getting Started Guide

For each set, there is a detailed guide along with instructions for parents and teachers to help kids exercise critical thinking, planning, and problem-solving skills. The book includes a "planning sheet" which you can photocopy and use to encourage your child to write out a design plan.

As with any library book you check out, **DO NOT WRITE DIRECTLY ON THE ACTIVITY GUIDE BOOKLET.** Photocopy anything you plan to use as a written activity.

The sets also come with cards that give kids a challenge, like "Can you make a tool to lift the bucket up to the tree house?" Or "Can you build a roof to cover the slide?" The cards list the suggested parts you should use, and on the reverse they have photos of possible solutions to try.



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## Additional Information

When returning the kit, please check if all contents are in the box. If something is missing, please inform staff.

For a full list of available Pasadena Public Library STEAM Kits visit our website at:

<https://www.cityofpasadena.net/library/steam/#steam-kits>