

Teach A *LEGO* Class

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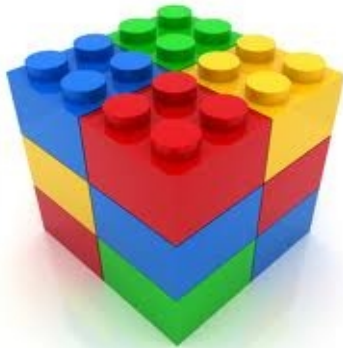
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Objective: Students will learn about all aspects of LEGO building. They will work cooperatively to build and present creations. They will also have FUN together through LEGO games and activities.



Learning with LEGO bricks has been such a fun and enriching experience for our entire family! When my son (7) asked me to teach a LEGO class for our co-op we embarked on a fun adventure.

These plans are for a ten week class, but you can adapt them however you see fit. We coined the term "speed build" and each class was built around that 10 minute time of building. Children are so very clever and inventive; allowing them to work with a partner furthered these skills.

Most kids just want to BUILD, so this class is designed to give them plenty of time to FREE BUILD creatively with the same set of bricks each week.

Find many of these ideas cataloged on my [LEGO IDEAS Pinterest Board](#).

Please feel free to use these plans with your children or in a class you will teach. I have spent many hours making them for you; **please do not sell or distribute these LEGO class plans.** If you mention them on your website, please offer a link back to [Homegrown Learners](#).

*I have previewed all links included carefully. I take no responsibility for advertisements on websites or content not on my personal site. Children need supervision when working on the internet. There are many inappropriate ads embedded in seemingly harmless sites for children. Buyer beware!

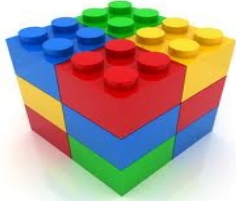
Thank you!

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November, 2012

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LEGO Class

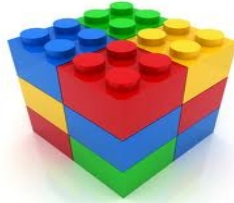
(2nd - 5th grade)

Objective: To keep all little LEGO enthusiasts busy and engaged! Children will work with a partner to create something new each week and present to the class. Students will also play LEGO games, learn a helpful LEGO building technique... and MORE! This is purely a “hands on” class – no pencil or paper required!

This is a 10 week class which met for 1 hour each week. (Adjust accordingly for your group and schedule.) Each week consists of a selection of the following activities:

- **“Speed Build”** - children work in pairs and are timed for 10 minutes to build creatively from their bucket. After building they present their creations to the class.
- Presentation of a LEGO fact each week (see attached LEGO facts sheet)
- [Famous Paintings](#) recreated in LEGO Bricks
- Minifigure Week (see attached Minifigure Week description); [Create Your Own Minifigure](#) and Receive a Minifigure
- [LEGO Build a Tower Game](#)
- [LEGO BINGO](#)
- [Interlocking Brick Technique Lesson](#) (Outside)
- [Jericho – The Promise Fulfilled](#) (stop motion movie)
- [LEGO Ideas Book](#)

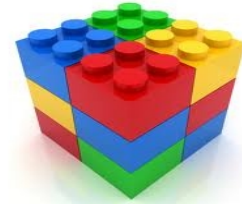
LEGO Bricks/Figures Used:



- LEGO Pick a Brick Bucket/One for each child in the class (Put these together at your local LEGO store (Pick a Brick Wall). You can also put them together [online](#). Include an assortment of bricks, with enough wheels and axles to build at least one vehicle, and a lot of special parts.
- [LEGO Bricks and More Builders of Tomorrow](#) (Use for Interlocking Brick Technique lesson, and BINGO)
- LEGO [minifigures](#) (one per child)

**Note: Charge \$15/child for this class. Pick a Brick Bucket is \$8 and the large LEGO set is \$30. You can throw a party with favors on the final day of class. Students keep their buckets of bricks and minifigures.*

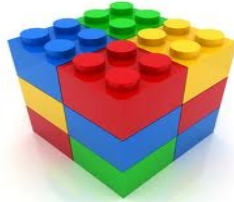
Sample Class Plan:



1. **Speed Build** – Build from Pick a Brick Buckets for first 10 minutes of each class. Students work with a partner to create something. When time is up they present their creation to the class. Each time talk about **eye contact, speaking slowly, smiling, not saying “ummmm” and good posture.**
2. **Play a Game/Look at Art** – LEGO Bingo or Build a LEGO Tower can be played
3. **Present a LEGO Fact** – Write one LEGO fact on the board (or hand out on a small slip of paper) at the end of each class and the children enjoy seeing if they can remember the fact the next week. (see attached LEGO Facts)

*Two weeks do NOT follow this sample plan. Those weeks are Minifigure Week (Week 3) and Interlocking Brick Technique Week (Week 8) (see descriptions following). The last day of class is movie day!

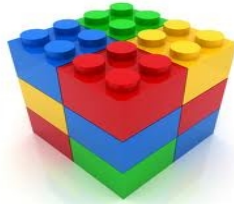
LEGO Facts



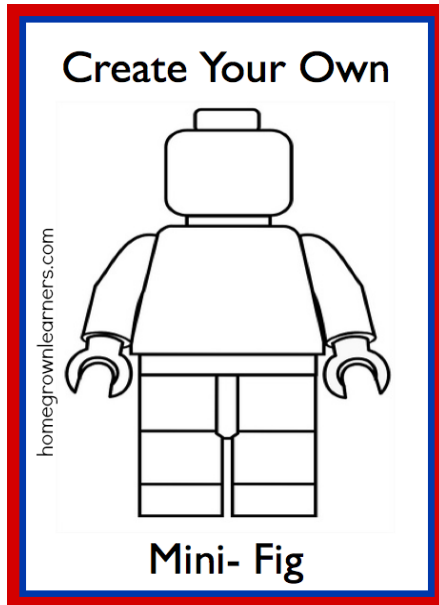
- LEGO is an adjective, not a noun! (We say LEGO bricks, LEGO toys, etc...)
- LEGO bricks were first made in Denmark.
- There are (on average) 62 LEGO bricks per person on the earth.
- Approximately 7 LEGO sets are sold each second.
- More than 400 million children and adults will play with LEGO bricks this year.
- The LEGO brand name should always be written in capital letters.
- If you built a column of 40,000,000,000 bricks it would reach the moon.
- There are 915 million ways to combine 6 LEGO bricks.
- Over 4 billion minifigures have been produced in the last 30 years.
- LEGO (leg godt) means "play well".

(*most of the facts are found at ["Everything You Always Wanted To Know About LEGO"](#))

Famous Paintings Recreated in LEGO Bricks



- I selected five paintings from this [LEGO Fan Site](#) and printed and laminated them. (Choose however many time allows in your situation.) We then discussed each painting and compared/contrasted the original and LEGO versions. You can also just do a generic search for “Famous Paintings LEGO Recreations” and find more on your own.
- Review these paintings over several weeks to allow the children to commit the artist and name of painting to memory.
- If you have sufficient resources, make a small laminated copy of the paintings for the children to keep.

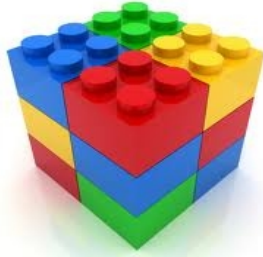


Minifigure Week

During Minifigure Week give the children a [coloring page](#) and let them design their own minifigures.

After designing their own figures, give them each their own minifigure and they can incorporate this figure in the Speed Build. Students are allowed to take their minifigures home with them this week.

***This is BY FAR the students' favorite week!**

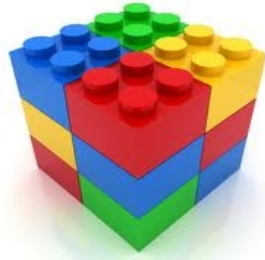


Interlocking Brick Technique Week

- The Little Brick Schoolhouse Glossary defines “Interlocking” as:

“stacking LEGO bricks by overlapping bricks from one row on top of another row, in the same way that brick houses and block walls are built. By interlocking bricks, you can't remove a single brick without removing others. Interlocking bricks makes for a strong and stable structure. ”

- Visit [my blog post](#) about teaching the Interlocking Brick Technique for how to teach this week. *Hint: You will need to find a place with a brick wall to demonstrate what the technique looks like in REAL LIFE.*

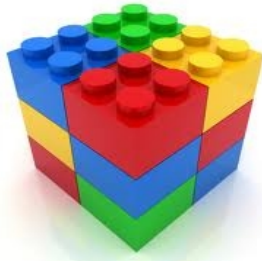


LEGO Movies

The last day of class is movie day! Make treats for the class and let them watch a movie while playing with their LEGO bricks.

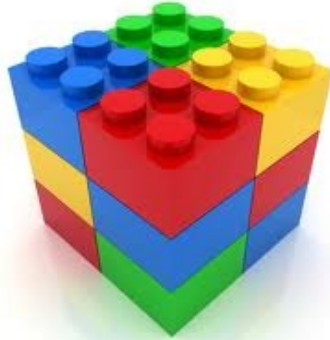
Choices include:

- [The LEGO Story](#) (put out by LEGO and available on YouTube)
- [Jericho: The Promise Fulfilled](#)



Class Schedule

Class Number	Activity 1	Activity 2	Activity 3
#1	Speed Build/presentation	LEGO BINGO	LEGO Facts
#2	Speed Build/presentation	LEGO Tower Game	LEGO Facts
#3 – MiniFig Week	Minifig Coloring Sheet	Pass out Minifigs	Speed Build/presentation
#4	Speed Build/presentation	LEGO famous paintings	LEGO Facts
#5	Speed Build/presentation	LEGO famous paintings	LEGO Facts
#6	Speed Build/presentation	LEGO BINGO	LEGO Facts
#7	Speed Build/presentation	LEGO Tower Game	LEGO Facts
#8 – Interlocking Brick Technique Week	Take class outside to a brick wall to explain technique	Group building of a sturdy structure	Can you STAND on your creation?
#9	Speed Build/presentation	LEGO BINGO	LEGO Facts
#10 – Movie and Party Day!	LEGO Movie and cupcakes	Review of LEGO facts and what you learned	Each child receives LEGO Master Builder Certificate



**“Creativity is contagious.
Pass it on.”**

Albert Einstein