

# Minecraft challenges

By Year 6 St. Martha's



Welcome to our iBook of Minecraft challenges.

We have had a great year learning in Year 6, especially using the iPads to improve.

After the SATs in May I felt that the children should continue using and applying Maths but through activities they could relax with a bit more and also help others.

The success criteria for them was to create simple and not so simple challenges for other children. They decided to choose at which age the children would manage their challenges. They had to include the use of different mathematical concepts, such as volume, area, and symmetry.

We stumbled upon a few issues such as understanding that they had to recognise that the person doing their challenges would be doing it from a new world, unless they created a seed and placed that within the challenge. We, as a class, are not proficient at making seeds yet, but are determined to learn!

We hope you enjoy the book and please comment on our blog:

[Http://marthas6.wordpress.com](http://marthas6.wordpress.com)

All the best, Amy Aviss and Year 6 at St. Martha's Catholic Primary School, Kings  
Lynn, UK

# Lexiss and Hima minecraft challenge

Ages 8-10.  
Year 3-5



## Wall of symmetry

A) 7 dirt blocks horizontal.  
5 dirt blocks vertical all the way round.

B) 5 torches on the 4th block creating the line of symmetry

C) 3 diamond blocks diagonal from the top corner of each side

D) 1 gold block on the bottom left hand corner. (Delete blocks if necessary)

E) 1 gold block on the bottom right hand corner. (Delete blocks if necessary)

# Enjoy

# Tall house

By

Nimmy and

Alisha

Suitable for

Ages 7-9

(Yr 3 and 4)

1) Length x width x  
height: 12 x 12 x 12  
diamond blocks

2) Put in two wooden  
doors.

3) Create some  
furniture to go inside.

4) Make it in ten  
minutes!



In the sky and out of blocks of your choice make:

A) the alphabet

B) numbers 0-9

By Alvin and

Make them fly!! -->





# Tall tower by Jenisa and Ryan

1) Firstly, build a hollow tower with the perimeter of 40 quartz blocks.

2) Build the surface 4 blocks higher.

3) Now change the material into diamond blocks.

4) Make the surface 5 blocks higher.

5) You should now have two floors.

6) To build two more floors, change the material into gold blocks.

7) Again make the surface 5 blocks higher.

8) Change your material into pink wool.

9) Lastly, make the surface 5 blocks higher.

10) Now you have completed the building.

11) As the building is hollow and empty, fill it with anything you want!!

Suitable for years 4 and 5 (ages 9-10)



Jedrahedron  
By Jewel and  
Dan

1. Make a house made of bricks 10 blocks across 10 blocks up so it's a cube.

2. Add 3 bookcases and 4 pictures anywhere.

3. Add a door anywhere.



For ages 5-7

## Short minecraft challenges for 9-10 year olds.

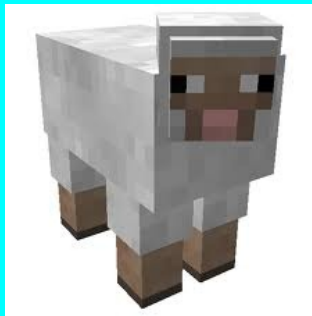
1. Chop down three trees, use your own hands.

Build a house made of wooden blocks that is 6 x 6 in area.

Craft some oak wood to make the wooden blocks.

3. Collect 30 pieces of coal.  
Mine down to get the coal.

5. Find three pieces of iron.  
Dig inside a cave until you see bronze stuff in the bricks.



4. Kill three sheep with a wooden sword and collect the wool or meat.

4. Kill five cows to make leather armour, collect the skin after killing.

6. Finish by crafting three signs by cutting down three trees and writing messages. Place them by your house.



# Spleeth Arena - a game to make for your friends.

This is a fun game that you can play with two or more of your friends who can link up to you world.

1. First you need to make the Arena which should be within a 12 x 12 x 12 cube.

2. Now make entrances on each side, and an elevator to one side.

3. Devise some traps and mazes for your players within your cube.

Have fun!

## Challenge for aged 9-11yr olds by Ellora and Erin B

Length = 25, width = 15, blocks should be cobble stone.

1. Create the base and above the base put two layers of windows all the way around leaving space for two doors. Put a layer of wood on top.

2. Fill the top with blue wool. In the middle put a 5 x 5 swimming pool, and fill it with water.

3. Repeat the first command again, without the swimming pool! This is your second storey.

4. For your 3rd and 4th floors do exactly the same, but use black for the third roof and purple for the fourth roof.

5. Repeat for the fifth floor but the roof will be a pyramid-style top. Use glass blocks around the roof five times, moving inward on each level like steps.

Around the outside of the fourth floor put an extra row of glass bricks, this will be a balcony. Have a staircase leading up from outside and inside, as well as a door.

6. Put torches on each side of your building on the balcony.



Thank you for reading  
our ebook.