



Make your own Christmas presents for friends and family

Photo frame LEGO® pen holder

Stay safe

Whether you are a scientist researching a new medicine or an engineer solving climate change, safety always comes first. An adult must always be around and supervising when doing this activity. You are responsible for:

- ensuring that any equipment used for this activity is in good working condition
- behaving sensibly and following any safety instructions so as not to hurt or injure yourself or others

Please note that in the absence of any negligence or other breach of duty by us, this activity is carried out at your own risk. It is important to take extra care at the stages marked with this symbol: ⚠

Equipment ⚠

- > LEGO® - including one transparent piece for the photo frame
- > A photo the same size as the transparent LEGO piece

Instructions ⚠

Step 1

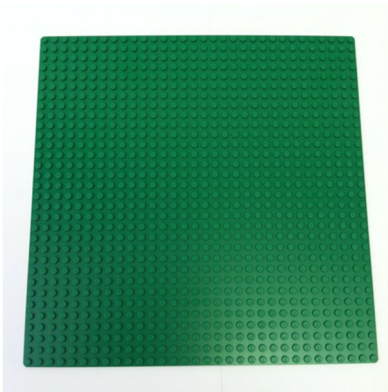
To create the photo frame, you will need a see-through flat LEGO® piece, these are usually used for doors in LEGO® kits. Here is a picture of the piece of LEGO® that will be needed for the frame itself. It doesn't need to be exactly like this, something similar will do:





Step 2

Decide the size of pen pot you would like to build and start to create the box around the “photo frame” to the size you want on a base plate. See photo below – this is a base plate:



Then, place the photo against the transparent piece of LEGO® that you are using as the frame. You will need to put a couple of thin pieces of LEGO® across the frame to hold the photo in place.

Your own design and engineering skills will be key in this project, as it will depend on the size of the pot you wish to make, the size of the “photo frame” LEGO® piece you have and the other LEGO® bricks you have available.

Don't be afraid to keep changing your design until you are happy with it, it is exactly the size and shape you want and that it is a strong, stable, practical pencil pot!

