

Architecture Workshop

You will need:

- An object you find interesting
- Paper
- Pencil
- Model Making Materials: e.g. toilet roll tubes, milk cartons, card, tape, glue, paper, cereal boxes

Objective:

To create a 2D and 3D architectural design of an object you find interesting.

Architecture is both the process and the product of planning, designing, and constructing buildings or any other structures. Architectural works, in the material form of buildings, are often perceived as cultural symbols and as works of art.

Careers

- Architect
- Architectural Assistant
- Architectural Technician
- Model Maker
- Design Consultant
- Town planner
- Digital architect
- CAD Technician

Heydar Aliyev Center, Baku Azerbaijan (2007–2013)

The Heydar Aliyev Center in Baku, Azerbaijan is a gigantic cultural and conference centre containing three auditoriums, a library and museum. Hadid wrote that 'its fluid form emerges from the folds of the natural topography of the landscape and envelops the different functions of the centre.'



The Dancing House, Prague

Nicknamed The Dancing House, Prague's Nationale-Nederlanden building was designed by Croatian-Czech architect Vlado Milunić and Canadian-American architect Frank Gehry. The deconstructivist architecture forms an unusual dancing shape, made from 99 concrete panels, each a different shape and dimension. This buildings function is directly related to the form of the building.



Step One:

Architectural inspiration can also be found in everyday objects. Look around your home and find an object that interests you. Make sure you ask permission to use the object!!

- You should draw out 3 different ideas of how your object could be transformed into a building form. Think about what different shapes it is made up of and what purposes it could have in a building form.
- Could it be a house, factory, train station, school, skyscraper...? Think about how the object could relate to the function of the building. If you have a piece of stationery could it perhaps be a school?



Step Two:

Pick the design you think will work best and transform it into a 3D model.

- Think about how the material you are using suits the shapes in your drawing.
- Form is more important than what your structure looks like!
- Toilet rolls can make really interesting curves, milk cartons can make great frosted windows!
- You can even expand and begin to make a town!
- These images show examples of what students have made before.



Conclusion

Now that you have completed one building you could try picking another object and create another building. You could even create a whole town! We would love to see what you have made! Share your images with us using Instagram: @takeyourplace_he @nuaoutreach

Further resources

Look into additional career paths within architecture.

RIBA has some great resources for additional workshops: <https://tinyurl.com/y8hf9rd7>

UCAS has some great subject guides: <https://tinyurl.com/yd8fxljk>

Prospects: <https://tinyurl.com/yocr5omnf>



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Useful Links

Creative Careers: <https://discovercreative.careers/#/>



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