

HOME SWEET HOME

A CHANCE TO DESIGN YOUR OWN DREAM HOME

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It's your lucky day!

Your parents have decided to build a new house and they've allowed you and your brothers and sisters to compete for the best design. They haven't got many requests but what they have requested is listed in the brief below.

OUR DREAM HOME BRIEF

Client.

Your parents. They are bored with their existing house design and wish to have a new and more creative house to live in.

Communication Need.

Your parents need a new house designed for them, and they wish to have it presented to them through a:

- A3 digitally rendered floor plan
- A3 hand rendered elevation drawing
- A3 rendered planometric drawing

Target Audience.

Your entire family is the audience for this design. This means your design must cater for both your parents as well as any siblings you may have. It cannot be too feminine or masculine and must appeal to the wide age demographic present.

Purpose.

The technical drawings required are to inform and persuade your parents that your design is the best design, and should be chosen for the build.

Context.

Your designs will be seen by both your parents as part of a judging panel.

Constraints

There aren't many requirements regarding size, cost or colour, but the floorplan must have the following things:

- Kitchen area (with oven, sink and fridge)
- A space for relaxing, watching TV etc.
- 4 Bedrooms
- 2 Bathrooms (one may be an ensuite)
- A study area for everyone to study in
- Must include the correct symbols for furniture and appliances

TASKS

1. **Research** different styles of drawings completed by architects. These may include floor plans, elevations, and planometric drawings. Look online and in magazines for images that inspire you. You must include 20 images in your folios as research.
2. Using **visualisation drawings** begin to generate some different ideas for your dream home. You must have at least 5 floor plan and 5 elevation ideas. Remember these are just ideas, so your drawings can be quick and basic. Experiment with different medias that you see in your research.
3. Choose a favourite idea to **develop** further. To begin this development process use the SCAMPER model, Substitute, Combine, Adapt, Modify, Put to another use, Eliminate, and Reverse. Continue to experiment with different medias.
4. Choose your favourite developed idea and refer back to the brief. Make sure your design fulfils the requirements set out by your parents. Make any **refinements** as necessary.
5. Once you are happy with your **final design**, use graph paper to draw your final floor plan to scale, with 1 cube equaling 1m. Remember to use to correct symbols and to include a north arrow and scale information.
* Use your textbook and technical drawing specifications handbook to help you.
6. After scanning your final design into the computer, use Illustrator to **render** your floor plan with the different types of materials used.
7. Use your completed floor plan to draw the **front elevation** of your dream home. Remember to use projection lines to ensure it matches the scale of your floor plan. You can choose the height of your building, doors and window, as well as the pitch of your roof. Remember to refer back to your research and visualisation drawings.
8. Once you are happy with your elevation drawing photocopy it and use a variety of medias and mediums to **render** the drawing by hand.
9. Choose your favourite room of your design and draw a **planometric drawing** of it. Remember to remove the front two walls so that we can see all the furniture inside the room.
10. Once happy with your planometric drawing, **render** it either by manual or digital methods.
11. Make sure all your drawings are properly presented, including your name, title and any scale information neccessary, before **submitting your folio** for assessment.



http://wpresidence.net/wp-content/uploads/2015/01/floor_plan_3d1.jpg



<http://www.am-cor.com/media/photologue/photos/am-cor-ki-t-tropic-cayman-2br-entrance-elevation-watercolor.jpg>



<https://s-media-cache-ak0.pinimg.com/236x/bd/90/ba/bd90ba7c8b3ced391e376ce0f9144f68.jpg>

Make sure your entire design process is documented in your folios and you have clear annotations throughout to help express your design thinking processes.