

# Assignment B1

Kitchen Design Academy

## 01. Style: Shabby-Chic Style / Contemporary

**Layout:** Open plan - scattered layout. From this picture it almost seems that the elements were placed randomly - scattered within a vast bathroom space.

**Colour Scheme:** A white envelope with bold red solids / elements. The glossy white floor, walls and ceilings gives a very clean futuristic feel, while the contrasting solid reds create focal points within the white box.

**Features:** A roman inspired sunken bathtub emphasises the contemporary feel - with no up-stands / walls - contributing to the openness/ seamlessness of the space. The mirror and oversized chandelier are the key indicators of the Shabby-Chic style.



Image source :<http://www.homedesigning.com/2011/02/modern-bathroomsdesigns-deas-pictures>

## 02. Style: Victorian Bathroom

**Layout:** Bathroom elements arranged along the edges of the room keeping the central space empty. No real focal point is created due to the amount of fittings, joinery and decorations within one space.

**Colour Scheme:** Pastel colours and off-whites. The bathtub, rug and joinery items are all decorated with floral patterns. No real use of natural light - probably due to privacy.

**Features:** Glass Chandelier in the middle of the room hanging from a detailed moulded ceiling. The heavy draped curtains contrasts the rest of the colours and textures because of their size and solid colour. Design intent - luxurious washroom.



Image source <http://www.homedit.com/tryfairytale-atmosphere-oakville-estate/>

<b>Vaal Sanitaryware (Lixil)</b>	<p>Vaal forms part of the Lixil Africa group and is based in South Africa. They have over 70 years experience in manufacturing high quality basins, toilets and urinals. Vaal caters for domestic, commercial and industrial applications.</p>	<p>Since water is a scarce resource in Africa Vaal and the other brands that fall under the Lixil Africa group has extended their product range to try and improve sanitation and water efficiency in Africa.</p>
<b>Hansgrohe</b>	<p>It all started when Hans Grohe founded a craft-business for metal spun goods back in 1901, in Schiltach, Germany. Tin showers were one of the products they manufactured right from the beginning. He saw the shower as a cheaper alternative to the luxurious baths of the time - that only the wealthy could afford. This vision started the company's innovation in the shower culture / industry.</p>	<p>When Klaus Grohe (Hans's son) got involved in the family business in 1968 he promoted the development of energy- and water-saving products - which Hansgrohe is very well know for these days. Hansgrohe even has employees focussing on the acoustic optimisation of their products - like the hand-held showers.</p> <p><i>"This shower is our quietest hand shower," Melanie Grüner says, smiling in her airborne sound test cabin. "It's about ten times quieter than its predecessor model."</i> <a href="https://www.hansgrohe-group.com/en/stories/sound-of-water">https://www.hansgrohe-group.com/en/stories/sound-of-water</a></p>
<b>Duravit</b>	<p>Duravit, a German company, is already over 200 years old. Duravit can address the entire interior of a bathroom, from designing to manufacturing and supplying of bathroom fittings.</p> <p><i>"It all began in Hornberg, Germany in 1817 when Georg Friedrich Horn built an earthenware factory initially focused solely on the manufacture of crockery. In 1956, production evolved from earthenware to porcelain, extending the product range to include sanitary ceramics."</i> <a href="https://www.duravit.com/service/company/brand_duravit.com-en.html">https://www.duravit.com/service/company/brand_duravit.com-en.html</a></p>	<p>Duravit has a design team focussing on different fields - from innovation to sustainability. They make use of natural materials (clay, kaolin, feldspar and quartz) that have been used for centuries. I found it very interesting that despite the technology we have available these days - they still choose to manufacture some products by hand - to ensure good quality.</p>
<b>Foster</b>	<p>Foster is an Italian company that have been producing high quality stainless steel sinks and kitchen appliances since 1973. They now operate in 50 countries across the world and offer a wide range of products - from sinks to hobs to dishwashers.</p>	<p>Foster is concerned with many different aspects of sustainability - ranging from the preservation of cultural heritage to Energy Saving products. They are even involved Archeology.</p> <p><i>"Cultural heritage. Foster contributes to the discovery and enhancement of the archaeological heritage of Brescello. Ancient Roman amphorae dating back to the II-III century AD are recovered. used to ensure the buoyancy of buildings in the event of the Po river flooding."</i> <a href="https://www.fosterspa.com/en-ww/foster-for-archeology.aspx">https://www.fosterspa.com/en-ww/foster-for-archeology.aspx</a></p>
<b>Grohe</b>	<p>Grohe is an international bathroom and kitchenware company, with their HQ based in Germany. They have been part of the LIXIL Group Corporation since 2014 and are active in 130 countries around the world.</p>	<p>Grohe invested in two TRUMPH 3D metal printers to create and manufacture water products (Faucets and more) that can be personalised (for individuals) in the future and possibly be more sustainable. They are passionate about innovation and sustainability.</p>

## Answer: Knossos, Greece

“The Palace at Knossos is also where historians have found the first flushing toilet. Conduits were built into the wall of the bathroom, which made it possible to flush waste with water that was held in cisterns. A hole in the floor allowed waste to go into a drain that led to a nearby river or waterway, most likely the Kairatos River. The bathroom was even partitioned off with a small screen for added privacy.”

<https://toiletology.com/resources/history/history-of-toilets-in-ancient-greece/>



Photo source: <https://toiletology.com/resources/history/history-of-toilets-in-ancient-greece/>

## Rotor House by Luigi Colani

Due to the increase of our global population and limit available space, Luigi Colani designed this multifunctional home, optimising the given limited space. Within the house shell he created a pod that can rotate - offering different functions when opened up to the living area.

The sleeping space, bathroom and kitchen are grouped together and as you can see there are minimal loose / movable objects within this rotating pod. The furniture all forms part of a solid mould for two reasons - so that the pod can rotate and the furniture stays in a fixed position (not falling over) and optimising the small given space - as the designer probably mapped out the best possible solutions/ fit-outs for this tiny space.

The pod has futuristic feel to it, and the atmosphere is altered by the use of different colour lights.



Photo source: <https://mocoloco.com/hanse-colani-rotor-house/>



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Photo source: <https://www.designboom.com/architecture/luigi-colani-rotor-house/>

*"luigi colani thinks radically towards the future. maximum living area with minimum outer dimensions was his aim. the central idea behind his house is a turning rotor which incorporates the functional areas 'sleeping, 'cooking' and 'taking a bath'. the required area is turned to the respective one and the same room and creates generous dimensions unheard of until today on the smallest of space. with a space requirement of only 6 x 6 m the HANSE-COLANI rotor house is ideal for the growing number of big city nomads and small families." <http://www.hanse-haus.de>*

Toiletology - Oldest Flushing Toilet:

Available at:

<<https://toiletology.com/resources/history/history-of-toilets-in-ancient-greece/>>

[Accessed 11 February 2021]

Construction review online - Sanitaryware manufacturers

Available at:

<<https://constructionreviewonline.com/top-companies/top-sanitary-ware-manufacturers/>>

[Accessed 11 February 2021]

Rotor House

Available at:

<<https://www.designboom.com/architecture/luigi-colani-rotor-house/>>

[Accessed 12 February 2021]

Rotor House

Available at:

<<https://mocoloco.com/hanse-colani-rotor-house/>>

[Accessed 12 February 2021]

Homestratosphere - Bathroom Styles

Available at:

<<https://www.homestratosphere.com/bathroom-styles/>>

[Accessed 12 February 2021]

Grohe

Available at:

<[http://flip-catalogue.grohe.com/en\\_com/GROHE-BW-Magazine-1-20191111\\_en-com/html5.html#/14](http://flip-catalogue.grohe.com/en_com/GROHE-BW-Magazine-1-20191111_en-com/html5.html#/14)>

[Accessed 12 February 2021]

Duravit

Available at:

<<https://www.duravit.com>>

[Accessed 12 February 2021]

Hansgrohe

Available at:

<<https://www.hansgrohe-group.com/en/about-us/>>

[Accessed 12 February 2021]

Vaal - Lixil Group

Available at:

<<https://www.lixil.co.za/about/africa>>

[Accessed 12 February 2021]

Foster

Available at:

<<https://www.fosterspa.com/en-ww/the-group.aspx>>

[Accessed 12 February 2021]