Significant Designs and Designers: Year 3 – Block A

Facts

She is a contemporary New York-based artist and architect who also trained as a dancer and teacher.

Legacy

The influence of dance and spirituality are illuminated in her installations.
Her designs, which start as sketches, aim to make the unseen world visible.

Family

She comes from a family of fourth-generation German tentmakers.

Gisela Stromeyer

Artist and Architect



She took inspiration from the work of Frei Otto.

Facts

- Although her family are tentmakers, her structures are not made as shelters.
- Gisela creates movement and harmony through her installations.

Well known for

... using fabric to visually and texturally enhance existing spaces

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Significant Designs and Designers: Year 3 – Block B

Environmental Facts

Using frozen fruits means using up fruit that is rejected for sale as fresh fruit. It also means we are not using imported fruits when UK fruits are not in season.

Cultural Links

Maize is the second most grown crop on the planet. It is used to make flour and is eaten as sweetcorn. It is thought that popcorn was made as early as 4700BC in Peru.

Early Life

- Born 25 December 1984 in Bedfordshire, England.
- She is British Bangladeshi.
- Her father was a chef and owned an Indian restaurant.



Nadiya Hussain

Did you know?

It has been reported that the total weight of chips eaten in the UK each year is equivalent to 14,000 blue whales.

Career

- 2015, rose to fame after winning the 6th series of Great British Bake Off.
- 2016, baked the Queen's 90th birthday cake.
- Host of a variety of TV cookery shows.
- Author of cookery books.

Well known for

Nadiya Hussain is a British television chef, television host, and author known for winning the Great British Bake Off in 2015.

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Significant Designs and Designers: Year 3 – Block C

Born

287 BC–212 BC

In Syracuse, Sicily

Early Life

His father was Phidius, also an astronomer. When Archimedes was about 10 years old, he left home to study in Alexandria, Egypt.

Facts

He studied under a mathematician called Euclid. He was killed during a Roman siege, even though they were told not to kill him.

Well known for

He was an astronomer, scientist, mathematician and inventor, as well as an engineer.

Legacy

Many of his inventions and discoveries from over 2000 years ago are still in use today.



Archimedes



Archimedes Lever

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Significant Designs and Designers: Year 3 – Block D

Environmental Facts

Eating in season also allows farmers to rotate crops more easily and improve soil quality.

Cultural Links

Easier access to a range of vegetables from different cultures has radically changed what we eat in the UK.

Early Life

- Born 27th May 1966 in Shepherd's bush, London, England.
- His interest in cooking began when he was 16 when he was on holiday with his family in France.



Heston Blumenthal

Did you know?

The wider the range of vegetables eaten, the better; similarly, the more colours of vegetables one eats, the greater the variety of micronutrients that are being absorbed.

Career

At 18, he began his apprenticeship in the restaurant of acclaimed chef Raymond Blanc.

Well known for

He is well known for his scientific approach to cooking.

He pairs unusual flavours together, like egg and bacon ice cream.

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Significant Designs and Designers: Year 3 – Block E

Born

August 5, 1987

Kasungu, Malawi

Early Life

His family was poor and relied on farming to survive. He enjoyed playing with his friends using recycled materials.

Facts

A famine meant he could no longer attend school. He loved to read books and discovered an interest in electronics. He set up a small business repairing the village radios.

Well known for

... being the 14-year-old boy who harnessed the wind. He constructed a wind turbine out of recycled materials to power his village.

Legacy

He has inspired young people to not be afraid to pursue their goals.

He not only harnessed the wind, but harnessed knowledge.



William Kamkwamba



His first wind turbine

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Significant Designs and Designers: Year 3 – Block F

Born

20 May 1819 –
21 May 1887

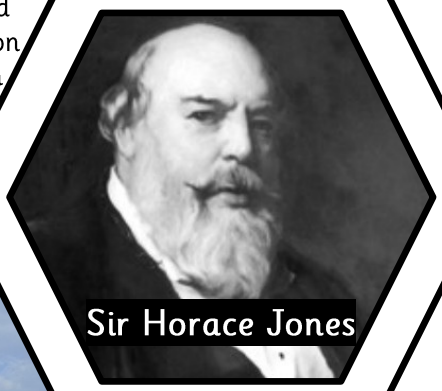
Bucklersbury, London, England

Life

- His father was a lawyer.
- He married Anne Elizabeth Patch in 1875.
- He was knighted in 1886.

Legacy

He designed several of London's famous markets, including Billingsgate and Smithfield. He also designed Tower Bridge in collaboration with civil engineer Sir John Wolfe Barry.



Sir Horace Jones



Tower Bridge

Facts

- He studied architecture in Italy and Greece from 1841 – 1842.
- He died before the completion of Tower Bridge.

Well known for

19th century British architect noted for his work in the City of London, including the design of Tower Bridge.

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