

**NGV
EDUCATION:
HOUR OF CODE™**

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THE ARTWORK: MAARTEN BAAS GRANDFATHER CLOCK



THE ARTWORK

Grandfather clock 2014

This artwork takes inspiration, as its starting point, from the typical longcase clock that was popular throughout the 18th and 19th centuries. However, instead of the usual clock face, driven by a pendulum movement, Baas's clock has a twelve hour video inserted, which depicts a grandfather-figure writing the time on the clock face every minute, before rubbing it out again.

BACKGROUND

Real Time

Grandfather clock 2014 belongs to a body of work called *Real Time*. Maarten Baas has been fascinated with the concept of time since his attendance at the Design Academy Eindhoven, where he designed an ingenious sundial that displayed the hours in a shadow. The artist's interest in interacting with timepieces resulted in a commission with Holland's Zuiderzee Museum whereby volunteers create a real time clock on the beach by taking over the function of the hands of a clock. The production of real timepieces albeit with a modern twist is a natural progression for Baas.

THE ARTIST

Maarten Baas 1978 -

Maarten Baas is a highly regarded Dutch designer who produces both handmade unique furniture and also creates works that engage with ideas about time. Born 19 February 1978 in Arnsberg, Germany, his family moved to The Netherlands in 1979, where he grew up. After finishing high school, Baas enrolled at the Design Academy Eindhoven, where the first of his successful design series *Smoke* was developed. He was awarded Designer of the Year in Design Miami in 2009. His works are held in permanent collections in various international institutions around the world including the National Gallery of Victoria, Melbourne.

Maarten Baas

Born Germany, 1979

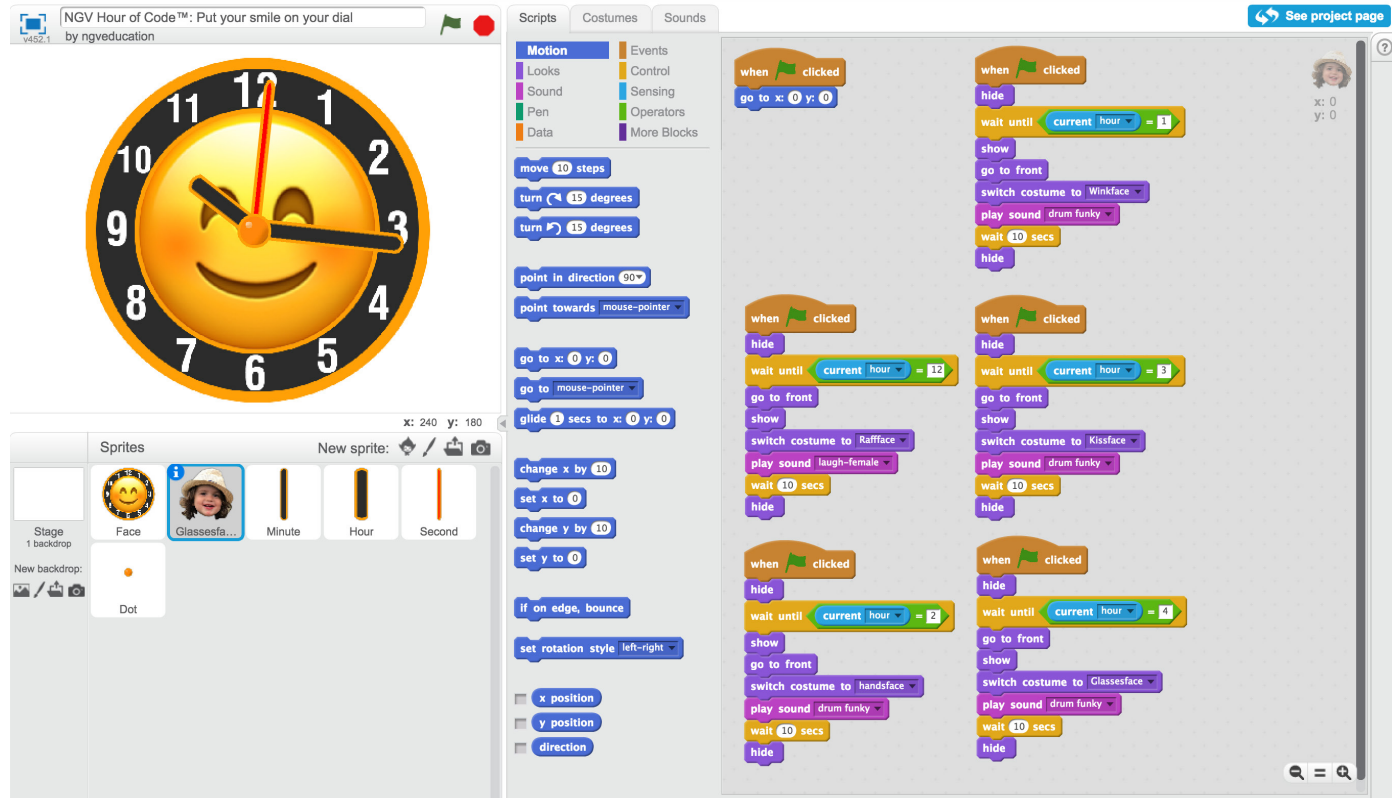
Grandfather clock 2014

National Gallery of Victoria,
Melbourne.

Felton Bequest in honour of
Bruce Parncutt, President of the
Council of Trustees of the NGV,
2015

© Maarten Baas

THE CODE: PUT YOUR SMILE ON YOUR DIAL!



ANIMATED CLOCK (WITH YOUR) FACE

Block coding in Scratch

In this program, you are going to learn how to create your own accurate, digital analogue clock, but taking inspiration from artist Maarten Baas you are going to make it original, animated and interesting!

Using Scratch, you will code a clock that reflects the current time of your location with the hour, minute and second hands.

And then the fun part, every hour the clock face will change to something of your choosing for a short time before returning back to normal. This could be your face, an emoji, your cat...anything!

In our example provided you will see I have used a selection of emoji and a very happy child for our clock faces.

This program uses a range of coding techniques in Scratch including show and hide, sprites and costumes, and control and operator blocks.

Click the link to access the program and remix and share it - where will your clock end up?

REMIX OR REMAKE?

It's in your hands

Don't like the sprite we have chosen for the hands? Then why not use your own - literally. You can take photos of your arms and hands and import these as a sprite to use in the program.

Just your face not enough for you? Why not use your entire body and become your very own Grandfather clock.

What will you come up with? Share your creations with us on Twitter: @NGVEducation

CLICK HERE TO ACCESS THE PROGRAM ON SCRATCH

Enjoy your creative coding!