

# Kit List

## Cyber Security

### Unplugged activity

- Printer
- Thin card (e.g. a cereal box)
- Pen/pencil
- Scissors
- Adhesive
- Paper fastener

### Plugged activity

Various activities including the use of:

- Python

## Smart Cities

### Unplugged activity

- Books
- Balloon
- Blue tack
- Tape
- Pin

### Plugged activity

Various activities including the use of:

- Micro:bit (or the Micro:bit emulator)
- Raspberry Pi

#### Alarm activity:

- Raspberry Pi – including Power Cable, Monitor, Keyboard, Mouse, HDMI cable
- Breadboard
- LED
- 220 ohm resistor
- 2 jumper wires
- Optional: GPIO Pin Extension board

## Creative Media

### Unplugged activity

- Printer
- Pen/pencil
- Scissors
- Adhesive

#### Useful resources:

- Thin card

### Plugged activity

Various activities including the use of:

- Scratch
- Micro:bit (or the Micro:bit emulator)
- Tablet
- Camera
- Raspberry Pi

#### Useful resources:

- Cardboard
- Foil
- Crocodile clips
- Headphones

## Drones

### Unplugged activity

- A4 Paper
- Paperclip

#### For Drones:

- Straws (or similar)
- String
- Tape/Adhesive
- Scissors

### Plugged activity

Various activities include the use of:

- Scratch

## Health and Sport Science

### Unplugged activity

- Ruler

### Plugged activity

Various activities including the use of:

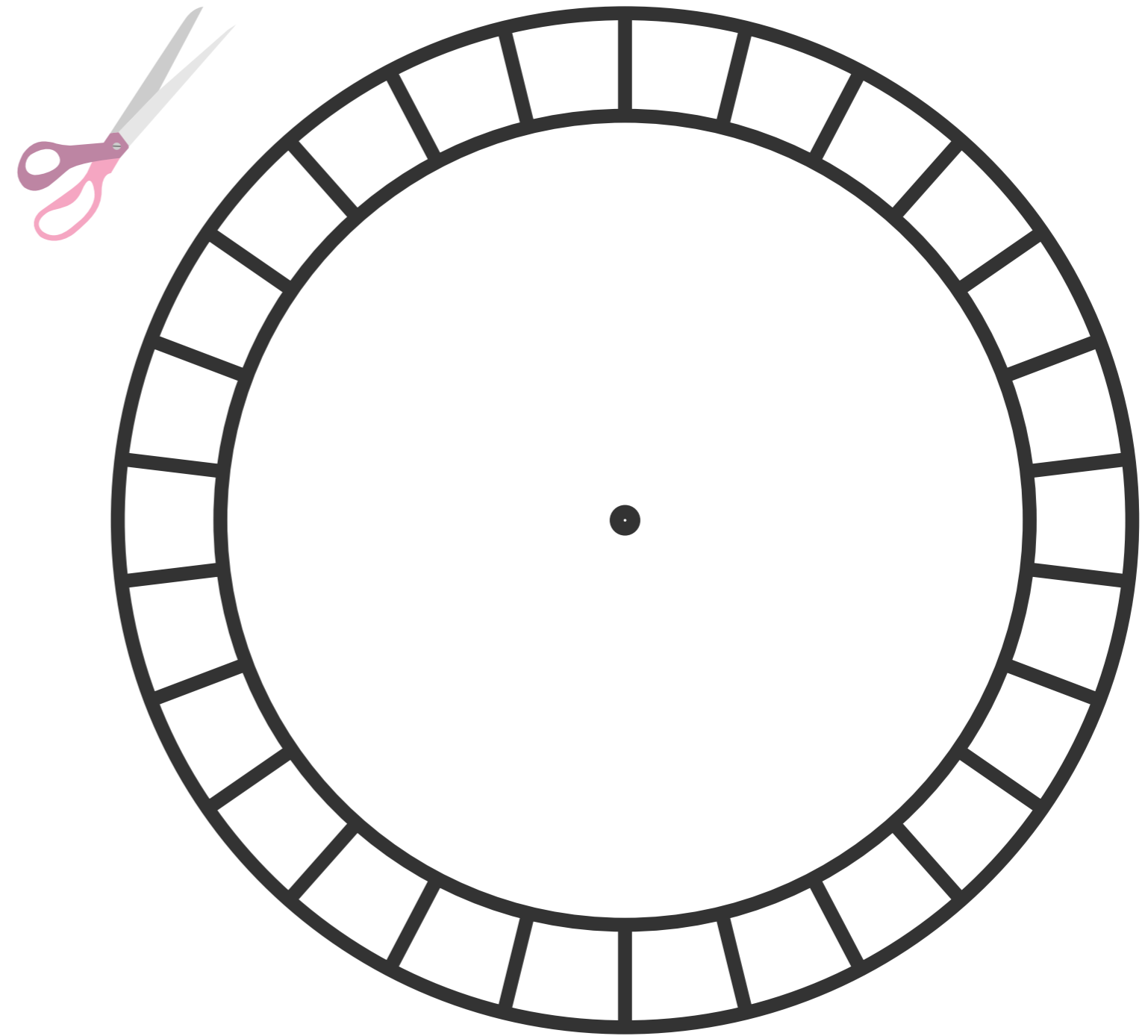
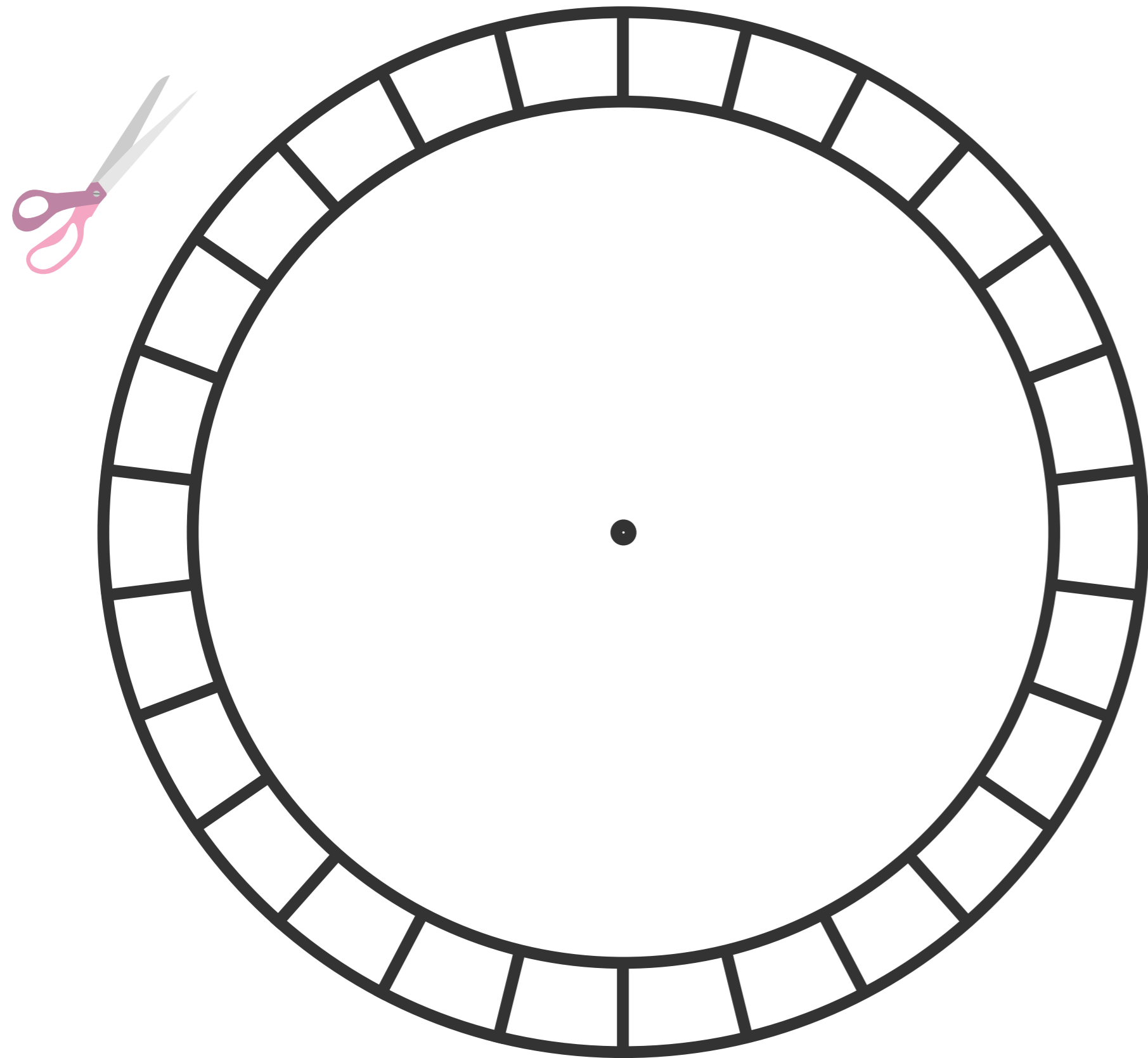
- Scratch
- Micro:bit (or the Micro:bit emulator)

#### Useful resources:

- Cardboard
- Foil
- Crocodile clips

# Caesar wheel template

[Print off this page](#)



# Zoetrope template

Print off this page

