INVENTORS & MAKERS

INSIDE ARTIFICIAL INTELLIGENCE

Y3-4 MATERIALS & PREP LIST

ACTIVITY 1 – OFFLINE MACHINE LEARNING (per pair or group of 3):

- Printed **Labels** (Orange and Banana)
- Printed **Dataset of fruit pictures**
- Optional: **Test fruit pictures** if whiteboard is dim

ACTIVITY 2 – MICRO:BITS (for whole class):

- 1 micro:bit (or 2 if no bluetooth on computer)
- micro:bit battery pack (and spare batteries)
- Connection lead – micro:bit to USB
- Computer attached to whiteboard

Optional: **PSHE Qs Sheet** for follow up discussion

AI CHATBOT – THE HISTORY HOTLINE

- Test and save by clicking on History Hotline at: inventorsandmakers.com/aichatbots

Micro:bit AI Sports Data Logger website or go via inventorsandmakers.com/teacherlinks

INVENTORS & MAKERS

INSIDE ARTIFICIAL INTELLIGENCE Y5-6 MATERIALS & PREP LIST

<u>ACTIVITY 1 - OFFLINE MACHINE LEARNING (per pair or group of 3)</u>:

- Printed **Labels** (Okapi and Not Okapi)
- Printed **Dataset** of 11 animal pictures
- Printed **Algorithm Sheet**
- Optional: **Test pictures** if whiteboard is dim

<u>ACTIVITY 2 - MICRO:BITS (for whole class)</u>:

- 1 <u>micro:bit</u> (or 2 if no bluetooth on computer)
- micro:bit battery pack (and spare batteries)
- Connection lead - micro:bit to USB
- Computer attached to whiteboard

Optional: **PSHE Qs Sheet** for follow up discussion

<u>AI CHATBOT -</u> THE HISTORY HOTLINE

- Test and save by clicking on History Hotline at: <u>inventorsandmakers.com/aichatbots</u>

<u>Micro:bit AI Sports Data Logger website</u> or go via inventorsandmakers.com/teacherlinks