

Potato Safety Helmets

DID YOU KNOW?

Huxley Bertram

Cambridgeshire businesses, such as the Huxley Bertram, are helping business all over the world to deliver solutions to everyday problems, such as worker safety. Huxley Bertram designed a machine to test safety helmets by dropping weights onto them in a safe and controlled way. That machine has inspired this activity.

RESOURCES:

- Potatoes
- Pens / stickers / beads to make faces
- Plastic pots, card, craft materials
- Sticky tape, glue, string
- Soft ball to drop



ACTIVITY:

Talk to the children about how people sometimes need special clothing to keep them safe. Design and build a safety helmet for a potato character. Use yogurt pots, egg-boxes, card, soft materials (for padding), string, tape, to create a helmet that will stay on the potato and help keep it safe from falling soft, foam balls. Test out the helmet once complete.

CHALLENGES:

- Does the hat stay on if the potato shakes or moves?
- Does the hat protect the potato if you drop a soft ball on it?
- If you made the helmet again, what would make it even better?
- How can they make sure their tests are fair? What if we use a light ball on one helmet, and a heavy ball for another? Is that a fair way to test?

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