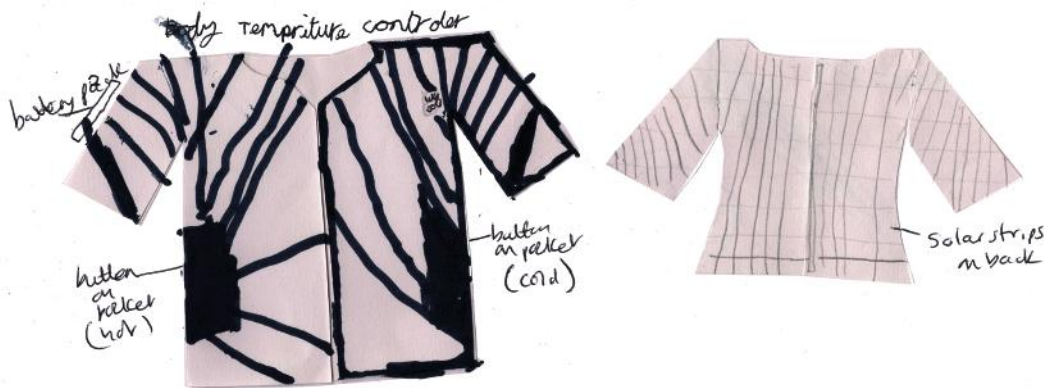




# IF YOU WERE an **ENGINEER** WHAT WOULD YOU DO?®

**East England Leaders Award 2019  
Winner, Year 3**

## TCJ (Temperature Controlled Jacket)



This jacket helps to keep you warm ~~and~~ <sup>and</sup> cold - so you don't get sweaty when you are working. this jacket ~~has~~ <sup>has</sup> buttons ~~and~~ <sup>and</sup> that's how ~~it~~ <sup>it</sup> makes your body warm or cold. = if you press the 2 buttons at the same time it makes your body temperature. It is call a body temperature controller. It's got a battery pack on it's rite arm, which is solar powered, with thin flexible panels.

Name:	Muaawiyah Hassan
Gender:	Male
School name:	The Science Shack STEM Club
Year group:	Year 3
Which engineer inspired you?	Michael Braisher
From which company?	Jaguar Land Rover

The 'TCJ (Temperature Controlled Jacket)' can be temperature controlled to keep the wearer hot or cold as required. The material from which the jacket is made acts like a solar panel and stores the energy required to heat or cool the jacket.