

## Video or storyboard of a morning routine getting ready for school. Students to spot 10 things which use electricity & the impact of cost and carbon footprint.

- It's a winter morning. Your **alarm clock** is screeching to wake you up but you want 5 more minutes in bed, so you leave it running. It's cold outside of your duvet so you jump out of bed and wind the **heating** thermostat up to the top to warm up the house. Toasty!
- You get up and run a **hot bath**. Very hot. Nip back into your bedroom and stick on your TV just for a bit of background noise and start playing your Xbox. You go downstairs, put some bread in the **toaster**. **Fill the kettle to the top and switch it on. Someone else might want a cuppa!**
- Whilst you're waiting, you go and switch on the **TV** in the living room to see what you can watch. You hear a pop, and your toast is ready, so you get the butter out of the **fridge** and **leave it open** as it doesn't take long to butter toast.
- After you've finished eating, you put the plate in the **dishwasher** and turn it on as it was left from the night before. There's not many plates in the dishwasher but it will get washed. (I am so thoughtful.)
- Oh no the bath! Run upstairs and turn off the tap. It's right up to the edge. Don't want to be in trouble. "James, get dressed you'll be late for school!" No time for a bath. I'll have one later. Might as well let the water out anyway.
- You brush your teeth before you leave and **put your toothbrush on its charger**. You start walking to school and when you're halfway there you realise you've forgotten your lunch, so you head back. Now you're going to be late, so your parent starts to defrost the car and **leaving the front door open** and the **car engine running**.
- Rush hour always causes you to get stuck in traffic, **the engine is running** but you're not moving anywhere. Literally 5mph. It's only half a mile but at least it's warm in the car. "Mum, need my football kit". My football kit stinks. Left it in the bottom of my bag from last time.
- Mum gets home. She's not happy. But she's great and will wash it specially, stick it in the tumble drier and drive it back to school for me for this afternoon. Just remembered **I've left my TV and Gaming Station on upstairs**. Mum will turn it off.
- And my toothbrush charger. It's really cold today. Rush into the school. Late. Not got time to shut the school door.

**So far, what have we noticed that is using electricity?**

# Back at home...

- You get home after your long day at school, ready to switch off your work mind and relax scrolling through insta' but your phone has no charge. Plug it in and go make a snack whilst you wait.
- You decide to make pasta. Fill up a pan with water and turn up the heat to the top on the cooker stove. Leave it for a few minutes. You get back to find the water bubbling over the pan and there is a massive mess. **There's not enough water left to make pasta so you pour it away and grab a hobnob instead.**
- When you go upstairs, **you find your Xbox still on from this morning**, (mum didn't turn it off). You tell your mates that you will be on in an hour and get on with your homework. You think it's **only an hour, I'll leave it turned on.**
- It's now 9pm. You're bored of playing games so you sit on your bed and go on **your phone, it's at 100% charge but you're not moving so you leave it on charge** whilst you're on youtube.
- An hour goes by and you want to go to bed so you brush your **teeth, putting it on charge for the morning**, you also **leave your phone on charge even though your battery is on 100%** so it's ready for the school day tomorrow.

