

it feels cold inside and the light comes on as you open the door. As everyone is keen to taste the cake, ask the children how you can make the fridge even colder, to make the mixture set more quickly. The children can alter the thermostat inside the fridge.

- When the cake is set, cut into bite-sized pieces and share. Check for any food allergies or dietary requirements first. Ask: *What does it taste like? Could we have made it without a microwave and fridge?*

Support and extension

- Support younger children as they press buttons or touch pads on the microwave.
- Can older children explain the purpose of the timer and estimate how long they think the ingredients will take to melt? Set the timer for the same length of time for the chocolate and butter. Which do they think will melt the quickest?

Further activities

- Peel and slice apples for the children to taste (checking for allergies or dietary requirements first). Ask: *Will the apple change if it is heated in the microwave?* Press the appropriate buttons to heat the apple in

the microwave. When the apple is cool, let the children examine and taste it, talking about the changes that have taken place. Do they prefer the cooked or raw apple?

- At the beginning of the day, fill two jugs with cold water. Tell the children that you want them to make the water in one jug even colder. How can they do that? How can they make the fridge as cold as possible? Let the children turn the thermostat to its coldest setting. At the end of the day, taste water from both jugs. Which is the coldest?

Play link

Set up a table with a toy microwave and fridge (or make models from boxes), cooking utensils, bowls and salt dough to encourage children to engage in cookery role play. **(CD)**

Home link

Encourage parents and carers to involve their children when they use the microwave and fridge.

Cross-curricular links

Stepping Stones

- Show an interest in why things happen and how things work. **(KUW)**
- Talk about what is seen and what is happening. **(KUW)**
- Show an awareness of change. **(KUW)**

Early Learning Goal

- Look closely at similarities, differences, patterns and change. **(KUW)**

