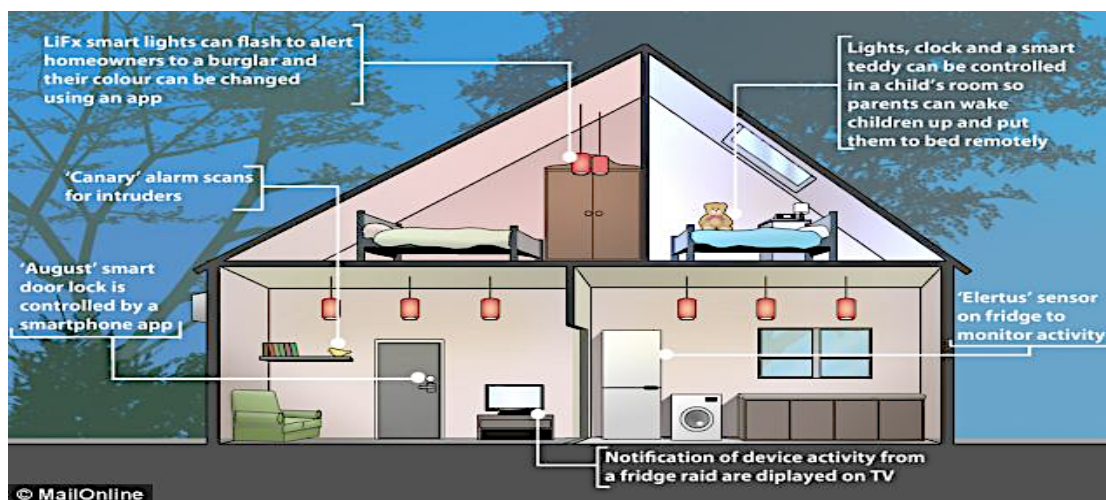


The home of the future is here: 'Smart house' boasts features including mobile-controlled door locks and a teddy that takes your child to bed.

In the home of the future, the front door will 'talk' to your smoke alarm, lights will flash when the fridge door is left open and a teddy will put your child to bed.

That's the vision which shows how almost anything in your house can either be controlled by a mobile, or be linked together electronically.

Other features include the smart lock that unlocks the front door when the home owner is near, smart TVs that show notifications and can warn when a child is using the web when they should be asleep and a system that lets you change all the clocks in your home at the touch of a button.



It works by letting users set triggers for events. For example, if someone opens the fridge door this triggers an event, such as making smart lights flash, or an alarm to sound.

At the front of the house is a smart lock. Fitted to the door lock, the battery-powered device is controlled by registered phones or tablets using the August app.

To open the lock, anyone with a code can approach the door, enable their phone's Bluetooth and press the relevant address from the app. The lock takes a few seconds to scan for a paired Bluetooth device. It then confirms the visitor's identity.

A circle of red dots on the front of the device will turn green and the lock will twist to release the lock and open the door.

To grant key-less access to friends the homeowner must send them an invite using Facebook contacts or their phone's address book.

Another example of smart houses is the child's bedroom. If a parent puts a child to bed, but the child starts watching YouTube on a phone, or starts playing a games

console, a smart router alerts the parents, via a TV notification in another room that their child is still awake.

The parents can then remotely shut off internet access to that room only. Elsewhere in the child's bedroom, a network of devices, lights, clocks and even a smart teddy bear were connected to help a child wake up, or go to sleep.

For example at the touch of a button, an alarm clock can start ringing, the smart lights can slowly brighten and a teddy can say 'good morning' to the child.

This can be reversed when it's time to put the child to bed, and the teddy will instead say 'goodnight'.

By connecting smart clocks to the connected home, users could also reset the time in the spring and autumn, for daylight savings time in the Australia, all at once. Alternatively, if there's a power cut, users can set all their smart clocks simultaneously.

Other examples in a Smart Home includes music systems in which different speakers were set at different volume levels and remotely-controlled air conditioning units that can also automatically adjust to temperature changes. This could all be used with smart blinds in the house.

Use a highlighter to show all the ways this house is SMART.

What do you think are the TOP 3 SMART ideas in this house? Why do you think that? Explain each answer.

Why would we want to have SMART houses in the future?  
Are there any SMART features in your home that you live in?

Think of the 5 houses in your Build a House Challenge.  
Design a poster, video or other presentation to advertise what SMART features are in your new homes.