Smart homes

1/ What are these?

fr_ _t d_ _ r

sm_ _ _ h_ _ e

f _ _ _ _ _ _ _ _ _t

h _ _ _ _ _ g

air c_ _ _ _ _ _ _ _ ing

b_ _ _ _ s

2/ Match the pictures with terms and definitions.

Automatic lock

Automatic heating

Automatic lighting

Air conditioning

When it's cold, this turns on.

When it's dark, this turns on.

When it's hot, this turns on.

When you go to sleep, this turns on to keep the home safe[11].

LIVEWORKSHEETS

3/ Listen and fill in the gaps

There are smart_____, smart TVs, smart pens, smart cars and also smart homes!(...) In a smart home, lots of things are _____. Smart homes can do more than 50,000 _____ a year. This can _____ lots of time and lots of energy. What things can be _____?

AT THE FRONT DOOR

You can use your _____, a number code or a scan of your _____ to get into the house. The _____ door opens when it reads your cars's licence _____, the house locks up and the _____ turns on when you go to sleep.

TEMPERATURE

When it's cold at home, the _____ turns on. Sometimes, the home needs to _____ down. Then the air conditioning turns on. Some smart homes automatically open the windows for _____ air.

LIGHTING

Lights in the _____ turn on in the dinner time, lights under you bed _____ when you go to the toilet at night, and all the _____ turn off when you go to sleep. Also, blinds can close when the sun _____ inside the home.

FILMS AND MUSIC

In smart homes, _____ can turn on when you come. A smart TV with quality sound is usually _____ to the internet and can turn on as you walk in.

All these things are _____ through a mobile phone _____, but there can be touch _____ on the walls to operate things.

Too much sun? The blinds close.

Tap the screen 3x and the whole home "goes to sleep".

LANGUAGE NOTE

* **licence plate** (Am. E.) – number plate (Br. E.)
** to **turn on** x to **turn off**

DISCUSS

- Is there anything automatic in your home?
- Do you live in a smart home?
- Would you like to live in a smart home?

VOCABULARY

[1] **to save** [seɪv] – ušetřit | [2] **licence plate** ['laɪsns pleɪt] – SPZ | [3] **to lock up** [lɒk ʌp] – zamknout
[4] **to turn on** [tɜːn ɒn] – zapnout | [5] **heating** ['hiːtɪŋ] – topení | [6] **air conditioning** [eə kən'dɪʃənɪŋ] – klimatizace | [7] **blinds** [blaɪnds] – rolety, závěsy | [8] **sound** [saʊnd] – zvuk | [9] **operated** ['ɒpəreɪtɪd] – ovládaný | [10] **to operate** ['ɒpəreɪt] – ovládat | [11] **safe** [seɪf] – bezpečný

LIVEWORKSHEETS

4/ What areas do these operations belong to? Drag the areas to their places.

1/_____ Turn on and off alarm systems and phone emergency services; Open and close doors and gates, blinds, curtains

2/ _____ Control heat and smoke sensors

3/ _____ Control heating, air conditioning and electricity; Detect motion and switch on and off lights; Switch on and off hi-fi sets and home cinema, select music and programs; Have everything ready whan you wake up – batth running, el. kettle on etc.; Keep a list of products in your fridge, send ordrs to a supermarket, suggest recipes; Intelligent garden watering

4/ _____ Raise and lower motorized cupoards, sinks etc. for people with mobility problems

Assistive technology Comfort and economy Safety Security

5/ Match the terms with the definitions.

1. Personal Area Network	**AUTOMATION**
2. A wireless standard used for PANs	**BLUETOOTH**
3. Touch screens, remote controls etc.	**INITIATOR**
4. Networks without cables are	**INTELLIGENT**
5. A smoke sensor is a command	**INTERFACES**
6. The automatic operation of a process	**PAN**
7. The term *domotics* comes from *domos* and	**RECEIVER**
8. Homes and devices using IT technology	**ROBOTICS**
9. A light switch can be a command	**WIRED**
10. Network where devices are connecetd with cables	**WIRELESS**

6/ What will a smart home in 20 years look like?

LIVEWORKSHEETS