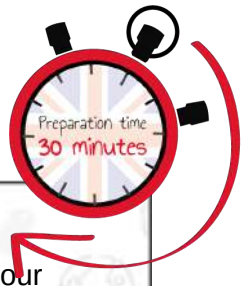
Push a little button



EAE Learning objectives for this lesson

Lesson Objectives; learn some different phrasal verbs, expressions to help argue your point and vocabulary related to technology

Activity 1: ***Questions and Answers…***



1. What technical items do you own?
2. Do you like technology, or do you tend to fight with it?
3. Do you find it difficult to use new technological devices?
4. What is the most advance piece of technology that you own?
5. How far do you think technology could advance in the next 100 years?

Activity 2: ***Listening comprehension.*** Listen to the first part of the song "Push a little button" by Ninette and fill in the gaps - (https://www.youtube.com/watch?v=tdJVj2x9wNk)

You push a little button and you get hot _____
Push a little button and you get some _____
The worlds gone _____ just pushing little buttons
But what about you and me?

You push a little button and you make a _____ car
Push a little button and you _____ TV
_____and _____ we're pushing little buttons
But what about you and me?

They're always _____ something fine
Which is fully _____ and it saves you time
Someday soon we'll all be very rich
Earning out _____ with a master _____
You push a little button and it's all done for you
Easier than _____ ABC
The worlds gone _____ just pushing little buttons
But what about you and me?

Activity 3: ***Phrasal verbs***

A phrasal verb is a verb + a preposition/adverb. For example: put on. Put on your coat.
Some phrasal verbs can be separated to put the object in between the verb and the preposition.
For example: put your coat on

Match these technology related phrasal verbs with their definitions, then think of some example sentences using these phrasal verbs

- Back up
- Print out
- Log in/out/on/off
- Hack into
- Pick up
- Run out
- Run on
- Use up
- Set up
- Key in
- Pop up
- Go down
- Free up

- Enter
- Prepare someone for something
- Appear suddenly
- Eliminate some files to have more space
- Use something for power or energy
- Receive
- Start / finish using a computer by typing a particular word
- Make a copy of information that is on your computer
- Make a copy of a document from a printer
- Use all of something and have nothing left
- Connect to someone's computer secretly and maybe illegally
- Internet service stops working
- Use all of a supply of something

Activity 4: ***With your partner or teacher***, read the **article** and answer the comprehension questions beneath it.(edited from http://www.bbc.com/news/business-34378047)

You're driving home from work. Your connected car pings your estimated time of arrival to your smart home, which springs into life.The thermostatically controlled heating comes on; your chosen lighting scheme glows welcomingly; the oven begins warming up the casserole you cooked the night before.When you arrive the garage door swings open automatically and your car self parks; your front door opens automatically, too - the facial recognition security system identifies you - no more fumbling for keys. As you enter your nicely warmed home - dust-free courtesy of robot vacuum cleaners - music wafts through each room to suit your mood.This is one vision of the smart, or connected, home. But how realistic is it and how soon could it happen?

All of the technologies making such a scenario possible are here already, says Holger Knoepke, vice president of connected home for German telecoms giant, Deutsche Telekom.
"We realised that the smart home will be a mass market - 50% to 80% of people say they're interested in smart home services," says Mr Knoepke.

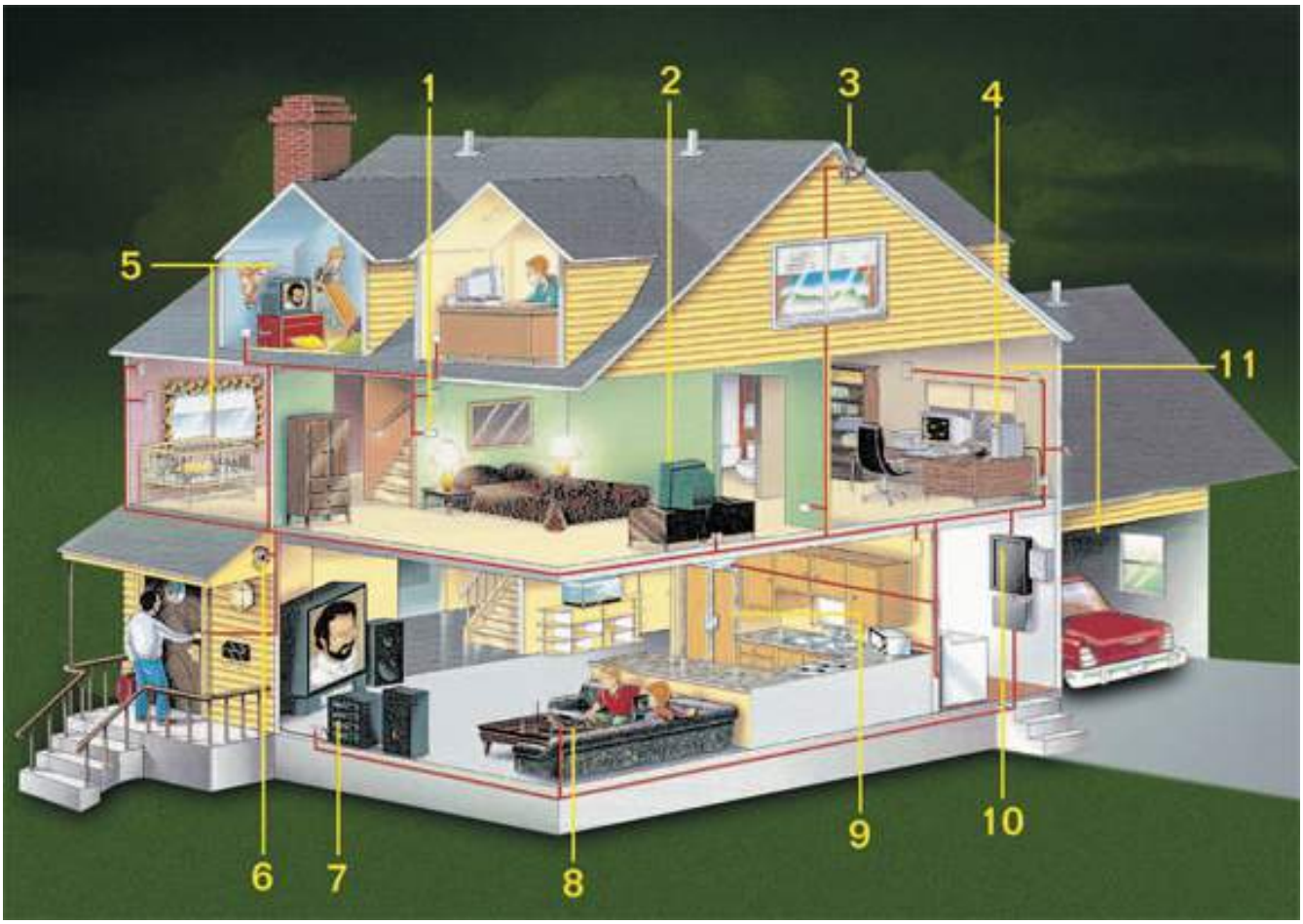
It seems we've been talking about the connected home for years. Why hasn't it taken off yet?
Well, we didn't have smartphones, fast home wi-fi or a wide-enough selection of gadgets equipped with networked computer chips, believes Mr Knoepke.Smart meters and thermostats - "Once consumers start to use this technology they'll start to wonder what else can they do with it."

As more of us use smartphones and apps, retailers and manufacturers are gaining confidence that there is a market for connected products."People have exceptionally busy lives so this kind of remote control gives you a little extra time," argues Mr Macdonald. The service most likely to propel the smart home into the mainstream is home security, some believe.Lack of interoperability could be one reason why the smart home boom takes longer to happen than some analysts and tech companies are forecasting.Some tech companies have been banding together to agree common standards to allow all these gadgets to talk to each other in a language they can all understand. The only problem is they've been banding together in separate groups and some companies want to create their own systems.

QUESTIONS:

1. What is facial recognition?
2. What will happen as you enter a room in a smart home?
3. What percentages of people want a smart home?
4. Why haven't connected homes already been implemented before?
5. What does remote control give people?
6. What is the main smart home system that people would demand the most?
7. What does 'mainstream' mean in the text?
8. What does 'interoperability' mean in the text?
9. What barriers to these systems does the end of the article talk about?
10. What does the expression ' banding together' mean?
11. Discuss: What do you think about this article? Is it something that you would consider having?

Activity 5: Try to ***label this picture*** with the smart technology you think we will have in the future. Discuss the advantages of each one



Temperature control. Using an outdoor sensor to report weather conditions, your system can automatically adjust the temperature indoors.
The television in the master bedroom can show a movie from the VCR or DVD player in the family room.
Security system
Whole-house audio provides music in the entryway, kitchen, bedroom, office or anywhere you desire.
From refrigerators to washing machines, a new generation of **"smart" appliances** can communicate with your home network.
No matter what service you choose, you can **direct TV signals** to any room in the house from a single connection.
Home computers can be networked to share the same Internet line.
Strategically placed **cameras** can broadcast pictures to any TV screen, providing an added level of security.
When a visitor rings the **doorbell**, all programmed phones ring automatically.
With the **press of one button**, you can turn on the TV, start the DVD player, dim the lights and set the volume.
Electronic distribution panel. Instead of rewiring every time you move a television, simply move a patch cable on the panel.

Activity 6: Find the **definitions f**or the following words
(Prepare this activity at home before the lesson)

- Cutting- edge
- State-of-the-art
- Modern
- Labour-saving
- Advanced
- High
- Outdated
- Gadget

Activity 7: Class competition - New technology: Using the words from activity six to describe your invention, work with a partner to **invent an incredible new gadget** for the home. Then 'sell it' to the rest of the class! Describe how it works using as many phrasal verbs as possible. At the end we will vote on the best idea, most phrasal verbs and most convincing sell!

Here are some words and expression which will help you to sell your inventions:

- One great feature of the …. is that…
- One of the advantages of this is that….
- The groundbreaking technology used means that…
- Guaranteed
- Exceptional
- Outstanding
- You can be the first.. / one of the first..
- Ahead of its time
- This is a life changing opportunity..
- One unique feature of this is…
- Unlike any other… this…
- Years of research and development have enabled us to…
- Quite simply this is the most advanced…



Activity 8: Amazing inventions. For extra reading:
http://time.com/3594971/the-25-best-inventions-of-2014/

