EASY ACCESS ENGLISH

Future Plans

I will + main verb

I am going to + main verb

Activity One - What are you going to do ?

Ask everyone in the class the following questions, they are going to answer in a full sentence and you are going to write down a short answer, for example :

- *Question - What are you going to wear tommorow ?*
- *Answer - I am going to wear my blue jumper*
- *Short answer written down – blue jumper*

Name -					
What are you going to have for dinner tonight ?					
Where are you going to go for your summer holidays ?					
What are you going to do this weekend ?					

Activity Two – What are you going to do about it ?

- **With your partner find solutions to the following problems and present your ideas to the class.**

Problem	Solution
You and your friends are really hungry	*We are going to get lunch early*
There is a long queue and you are in a rush	
You have no money on your mobile	
Your electricity cuts out	
You have a date but nothing to wear	
It's you best friend's birthday tomorrow	
You can't sleep	

Activity Three – The better world of the future ?

http://www.youtube.com/watch?v=GJjUVIIYptE&feature=related

QUESTIONS -

1. What's special about his car ?
2. What are the new banks like ?
3. What's a 'space beam communicator' ?
4. Where will people live ?
5. What will they eat ?
6. What will grandparents do ?
7. Are people happier in the future ?
8. Is the future a better world ?

Activity Four – Wall dictation

What happened to the future? Weren't things supposed to be cooler by now, smarter, safer?

We were raised on a steady diet of science fiction, enthusiastic politicians and an economic boom.

Americans expected to be living in *The Jetsons* -- but instead find themselves stuck in a scarier version of *The Waltons*.

The truth is that people simply aren't very good at predicting the future.

It was only two centuries ago that we began to think we could do it at all, and we're still learning.

Our hindsight vision may be perfect, but our foresight remains largely blind.

Activity Five – The invention of the Telephone

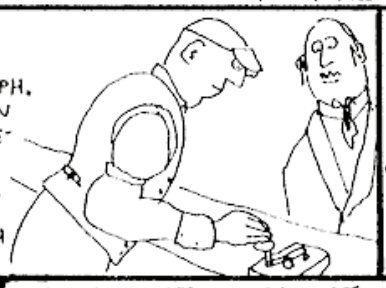
Read the article then answer the questions in pairs.

1. When and how was the telephone invented?
2. What did Alexander Graham Bells' brothers die of?
3. How was the practical telephone achieved?
4. What did Alexander Graham Bell do after he invented the telephone?
5. What was the disadvantage of the first practical telephone?
6. How did they prevent this?
7. What happened when the telephone first came to England?
8. What's the biggest machine in the world?
9. What happened when Alexander Graham Bell died?

THE TELEPHONE

THE TELEGRAPH

THE FORERUNNER OF THE TELEPHONE WAS THE TELEGRAPH. BY 1870 ALL MAJOR TOWNS IN EUROPE & AMERICA HAD TELEGRAPHS, SENDING MESSAGES IN ON & OFF PULSES (ie MORSE CODE). IT WAS WHILE TRYING TO IMPROVE THE TELEGRAPH THAT BELL DISCOVERED THE TELEPHONE.



ALEXANDER GRAHAM BELL



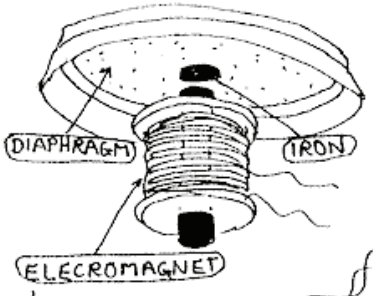
BELL'S FATHER WAS AN EBULLIENT TEACHER OF SPEECH & ELOCUTION WHO LIVED IN EDINBURGH. HE MOVED TO AMERICA AFTER ALEXANDER'S TWO BROTHERS DIED OF TUBERCULOSIS. ALEXANDER ADDED THE GRAHAM TO HIS NAME HIMSELF, AGED ELEVEN.

BELL'S TELEPHONE



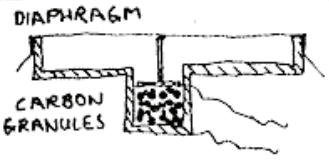
THE SOUND VIBRATES THE DIAPHRAGM, MOVING THE IRON & CHANGING THE MAGNETIC FIELD ROUND THE ELECTROMAGNET. THIS CREATES TINY ELECTRIC CURRENTS IN THE WIRE.

BELL'S TELEPHONE WAS ELEGANTLY SIMPLE. HE FITTED A DIAPHRAGM OVER AN ELECTROMAGNET & MADE IT WORK BOTH AS A MICROPHONE & EARPIECE. IT WASN'T REALLY LOUD ENOUGH TO BE PRACTICAL AT THE TIME, BUT WITH MODERN TRANSISTOR AMPLIFIERS, IT IS NOW WIDELY USED (SEE BELOW: HOW TO MAKE A MINIATURE INTERCOM).



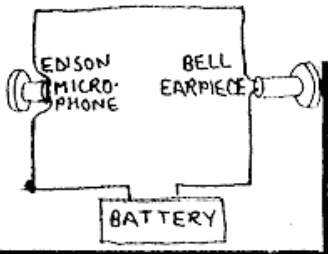


THE TINY ELECTRIC CURRENTS FROM THE MICROPHONE ENERGISE THE ELECTROMAGNET, ATTRACTING THE IRON & VIBRATE THE DIAPHRAGM, RECREATING THE SOUND



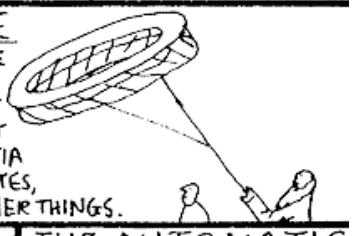
THE PRACTICAL TELEPHONE

THE VOLUME OF THE TELEPHONE WAS INCREASED BY A DIFFERENT SORT OF MICROPHONE. INVENTED BY THOMAS EDISON & A REVEREND HUNNINGS. THIS WAS SIMPLY A DIAPHRAGM & A PILE OF CARBON GRANULES. SPEECH VARIED THE PRESSURE ON THE CARBON GRANULES & ALTERED THEIR ELECTRICAL RESISTANCE.



BELL'S FORTUNE

BELL MADE HIS FORTUNE FROM HIS TELEPHONE PATENT BUT THEN LOST INTEREST IN IT. HE BUILT A MANSION IN NOVIA SCOTIA & EXPERIMENTED WITH KITES, HYDROFOILS, & MANY OTHER THINGS.



CRACKLING

THE DISADVANTAGE OF CARBON MICROPHONES IS THAT THE GRANULES TEND TO CRACKLE WHEN MOVED. THE EARLY TELEPHONE MICROPHONES WERE FIRMLY FIXED TO THE WALL TO PREVENT THIS. MODIFIED DESIGNS CARRIED ON BEING MADE UNTIL THE 1970s & MANY ARE STILL IN USE, CRACKLING AWAY.



THE FIRST EXCHANGE



THE FIRST TELEPHONE EXCHANGE WAS OPENED BY THE HOLMES BURGLAR ALARM COMPANY, BOSTON US. THEY ALREADY HAD LINES TO THEIR CLIENTS CONNECTING THE ALARMS, SO THEY SIMPLY USED THE LINES FOR TELEPHONES DURING THE DAY, WITH AN OPERATOR TO PUT PEOPLE THROUGH.

THE AUTOMATIC EXCHANGE

THE FIRST AUTOMATIC EXCHANGE WAS INVENTED BY AN EXASPERATED KANSAS CITY UNDERTAKER, ALMON B. STROWGER, IN 1889. THE RIVAL UNDERTAKER'S WIFE WAS A TELEPHONE OPERATOR & USED TO PUT PEOPLE THROUGH TO HER HUSBAND INSTEAD OF STROWGER.



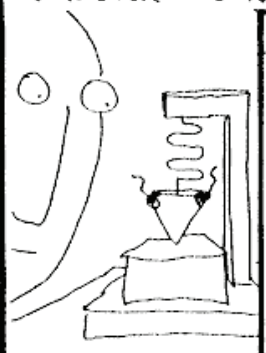
THE FIRST PHONES



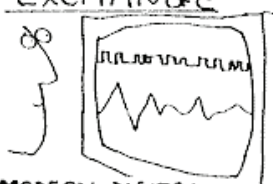
WHEN THE TELEPHONE FIRST APPEARED IN ENGLAND SOME PEOPLE REFUSED TO SPEAK TO ANYBODY THEY DID NOT KNOW, INSISTING THAT THEY FIRST CALLED & LEFT THEIR VISITING CARD 'IN A PROPER MANNER'.

THE BELL LABORATORY

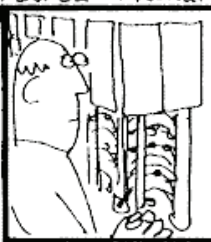
AS THE TELEPHONE SYSTEM GREW, THE BELL COMPANY ESTABLISHED A LABORATORY IN 1912. IT WAS WHILE SEARCHING FOR A SOLID STATE SWITCH TO REPLACE THE STROWGER EXCHANGES THAT THE TRANSISTOR WAS INVENTED IN 1947.



THE DIGITAL EXCHANGE



MODERN DIGITAL EXCHANGES CONVERT TELEPHONE CONVERSATIONS TO A DIGITAL CODE. LIKE THE DIGITAL SOUND ON COMPACT DISKS, THIS GIVES A BETTER QUALITY & ENABLES IT TO BE SWITCHED BY DIGITAL COMPUTERS.



STROWGER'S LONGEVITY

STROWGER EXCHANGES WERE BUILT UP UNTIL THE 1970s & MANY ARE STILL IN USE. THEY ARE RESPONSIBLE FOR MOST 'CROSSED LINES', THEY NEED FREQUENT ADJUSTMENT, & THEY GRADUALLY WEAR DOWN DROPPING SMALL PILES OF METAL FILINGS.



HOW TO MAKE A MINIATURE INTERCOM



THE MICROPHONE & EARPIECE OF MOST MODERN PHONES ARE IDENTICAL, JUST LIKE BELL'S. YOU CAN CONNECT THEM DIRECTLY TOGETHER,

GIANTISM



BECAUSE THE TELEPHONE SYSTEMS IN DIFFERENT COUNTRIES ARE NOW ALL INTERCONNECTED, THE GLOBAL TELEPHONE SYSTEM IS TODAY THE BIGGEST MACHINE

SHAPES

WITH ELECTRONICS, THERE IS NO NEED FOR THE BULKY DIAL & BELL MECHANISM, & TELEPHONES HAVE LOST THEIR DISTINCTIVE, ROBUST APPEARANCE. TODAY THEY CAN BE ALMOST ANY SIZE



Activity Six – Crazy Inventions

CHECK OUT THESE AMAZING INVENTIONS AND COMMENT… WHICH IS THE BEST?



1. Wine glass holder

2. Boyfriend arm pillow





3. Spaghetti twister



4. Butter stick



5. Cleaning slippers



6. Food fan

7. Blanket you wear as a jumper





8.Sponge microphone



9. Cleaning baby clothes

In groups, discuss your **favourite** and **least favourite** invention.

The most useful for you is
The most original
The most interesting
The most fu

Activity Seven – Create the future…

Invention!

- Our main aim was to….
- We made the decision to ….
- Our priority is to…..
- We needed to work around….
- We decided to place the emphasis on…
- We will achieve this by…

- That's an interesting question
- We think this is a good price because…

How did you come up with the idea?

(picture)

How does it work?

Who is it useful for?

How much would it cost?

Activity Eight - Predictions

Pick a name out of the hat, and write what you think that persons' life will be like in the future. Then read it to the class whilst they guess who it is about.

I would predict…
I imagine that in the future this person will
I'm sure that this person will end up with…
I think that this person will…
At some stage I think that this person will…
In the near future…
In the not too distant future…

Activity Nine - Spin the bottle.

Spin the bottle and ask any question about future plans to the person it points to.

- What are you going to do in the summer ?
- What job would you like to do in the future ?
- What are you going to do at the weekend ?
- When are you going to get married ?
- How many children are you going to have ?
- What are you going to do for your next birthday ?
- What are you going to have for dinner ?
- What time are you going to get up in the morning ?



- **Now think of your own questions…**