Somerset New Wessex Planning
Build knowledge in Computing

eLIM — Support Services for Education — sse

Technology in our Lives: The technology around us 3
(with thanks to the pupils of Brent Knoll Primary who helped develop this planning)

What will you be learning about

What is the internet used for across your local community, the national community, the world?

Who has access to the internet?

Who has rights to use the internet?

What does everyone need to do to make sure we can rely on the internet?

The internet is used in many different ways to make our lives easier. It can help us stay in touch with our family and friends, it can help places of work to run more smoothly. It can make links across the world to give support networks to everyone BUT is it reliable and accessible where it is needed?

Activity One: The Internet in your community and country

- Draw a map of the centre of your town or a nearby town if you live in a small village. Add any other places in the town where there are buildings that will be making use of the internet. You may need to fix a number of pieces of paper together to make it big enough. Label buildings where the internet is used to help the local community eg doctor's surgery, shops, library, police station, dentist, café, school. If you live in a small village, think about where the internet is used

- Add captions to explain how people in the buildings may be using the internet to help others.

- What other things may be using the internet? eg traffic systems, street lights, cars

- Think about why the internet is important. What would communities do without it in today's world? How does it make our lives easier?

Activity Two: The Internet across the world

- Look at http://www.internetlivestats.com/ What do you find interesting?

- How can you check reliability? eg each statistic has a link when you hover over it to tell you where the information has come from.

- Look at the 'about' section and think about the reliability of the information?

  o *http://www.internetlivestats.com/about/ describes who puts together the statistics and who uses them.*

  o *Voted as 'best online reference website by the American Library Association (ALA)' – what could you search to check this?*

Activity Two continued: The Internet across the world

- Have a guess (before you look to see the answer). For each country, write down the percentage of people you think use the internet in:
    - Zimbabwe
    - Spain
    - Denmark
    - China
    - India
    - USA
    - UK

- Use http://www.internetlivestats.com/internet-users-by-country/ to investigate which countries have the best access to the Internet and which have the least access to the Internet. Are there any surprises? Remember 100% is the most access, 0% is the least access. Remember the percentage figure gives the fairest comparison not the biggest number.

- Which countries would you choose to live in to be able to use the Internet?

Activity Three: Rights of the child

- Why do you think it is important for people all over the world to have access to the internet?

- Look at the UN rights of the child and circle the rights that you think are linked to internet use. https://static.unicef.org/rightsite/files/uncrcchilldfriendlylanguage.pdf.

- Where should internet access be included in this? Which rights does it affect? What additional right(s) should be added when considering the internet?

- Look at 5rights framework https://5rightsframework.com/ . Do you agree with this? Does it have some of the rights you thought about?

- Write a letter to your teacher to say why you think the school should sign up to the 5rights framework OR why you think the school should not sign up to the framework.

What things could I do to learn more?

List all the things that would help everyone use the internet in a way that is helpful and will make people happy?

Make an information poster to compare two countries. Research one country that has a high percentage of uses and one with a low percentage. What is their internet usage? What do they use it for? What else could it be used for to help people? Decide how to present the information in a way that will make people think about the rights of children.