

Let's create the future together

School Toolkit

For Teachers



Foreword

Hello!

My name is Sophie and I'm the Future Generations Commissioner for Wales. I need your help in writing my first Future Generations Report. This work is very important, as it sets out the progress we have made in Wales to achieve the Wales we want, as set out in the Well-being of Future Generations Act. It also outlines the changes we need to make now and in the future. The Report will be published on our website and shared with Welsh Government, the Welsh Assembly and public bodies.

One of the ways you can get involved is to use the lesson plan and resources in this toolkit and send your ideas to us via email: contactus@futuregenerations.wales or via Twitter using the hashtag [#OurFutureWales](https://twitter.com/OurFutureWales). We'd love to see pictures and videos of how you're getting involved. We may feature these in our report or in its promotion. I want to make sure that young people across Wales are part of creating the future that we want to live in.

Thank you for getting involved!

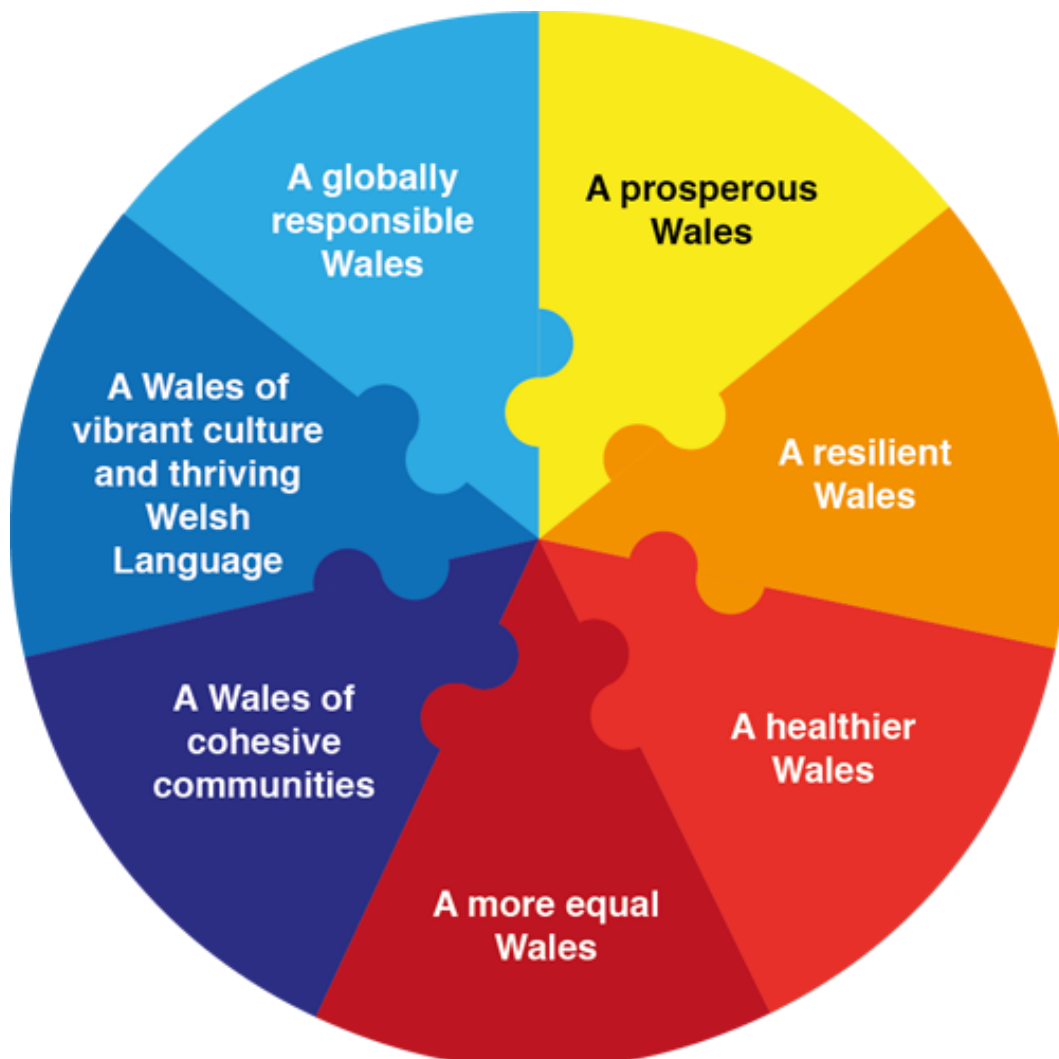
Sophie Howe



Well-being Goals

In order for us to achieve the Wales we want - 7 national goals have been agreed:

- A Prosperous Wales – where we make sure we have good skills for jobs, where businesses don't harm the environment and there is no poverty.
- A Resilient Wales – where we protect and enhance nature and biodiversity.
- A Healthier Wales – where everyone is healthier and are able to see the doctor when they need to
- A More Equal Wales – where everyone has an equal chance whatever their background
- A Wales of Cohesive Communities – where Communities can live happily together
- A Wales of Vibrant Culture and Thriving Welsh Language – where we have lots of opportunities to do different things and where lots of people can speak Welsh
- A Globally Responsible Wales – where we think about how our actions have an impact on other people and places around the World.





PACK CONTENT

- 5** The Questions
- 6** Planning for the Future
- 16** Quiz
- 18** Contact Information

The Questions

1

There are 4 questions we'd like pupils to answer. We'd like schools to record the answers and send the results to: contactus@futuregenerations.wales.

Please send your responses by the 1st of November 2019.

Where possible pupils should be encouraged to ask these questions to their family, relatives and friends. This could be set as homework or could be completed throughout the school in a PSE lesson.

You are encouraged to use the online survey to submit your answers. You can find a link to the survey through the QR code or you can find a link here.

Please ask...

- What do you like about where you live?
- What would you like to change about where you live?
- What skills will children need in the future?
- What worries or excites you about the future?

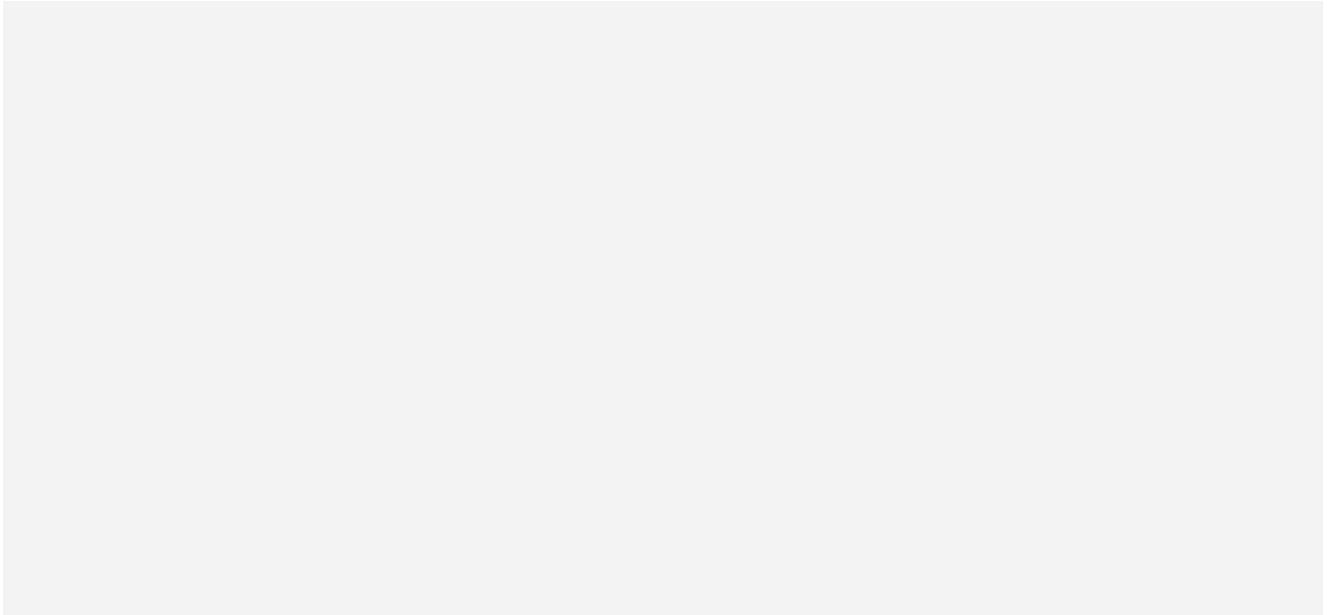


The Questions

1

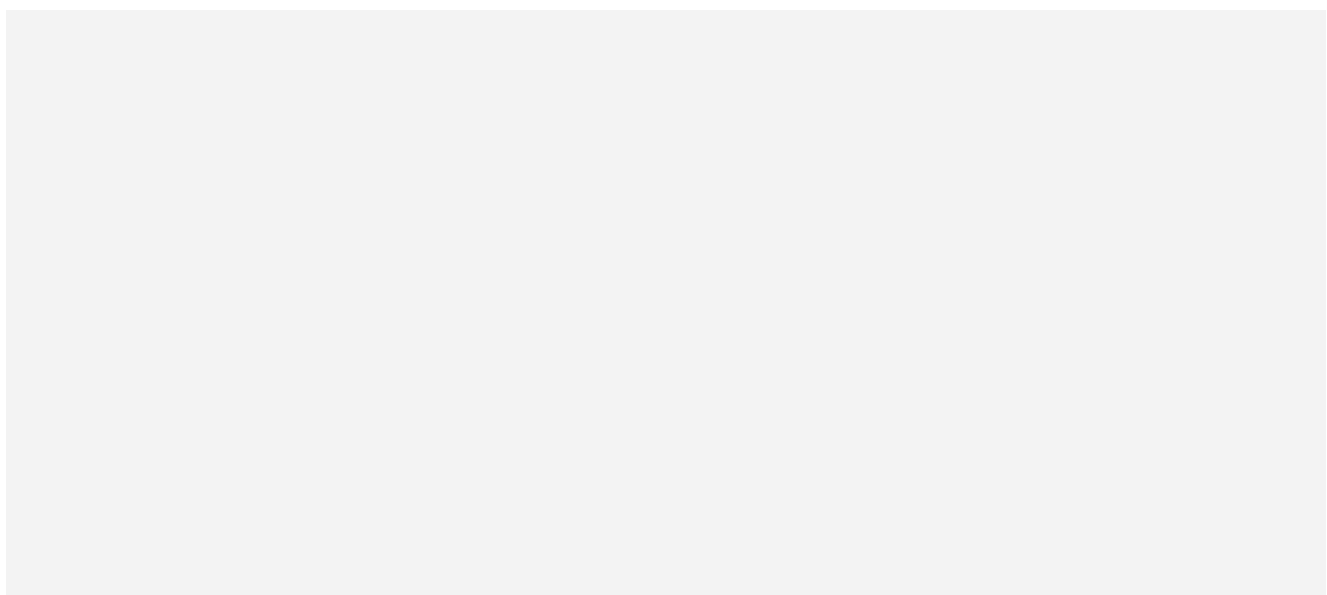
Question 1

What do you like about where you live?



Question 2

What would you like to change about where you live?



The Questions

1

Question 3

What skills will children need in the future?

Question 4

What worries or excites you about the future?

Planning for the future

2

Learning Outcomes

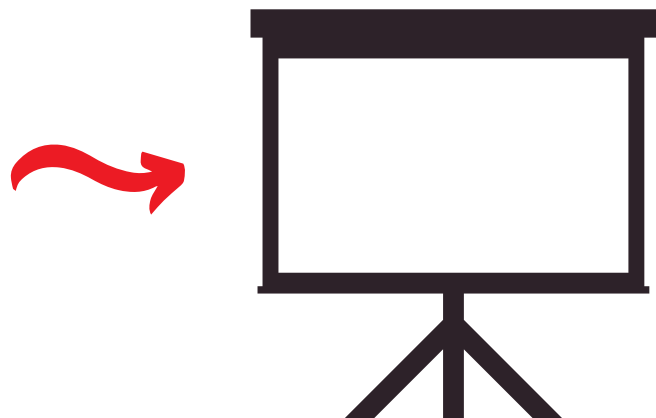
We are learning to:

- State what a connected community is, and what the benefits are for its citizens.
- Name some of the different jobs that are involved in developing communities
- Work together on different sections of the Masterplan for a future city, to imagine ourselves in different urban planning roles.

Materials/ Resources Required

- 'Planning fit for the future' PowerPoint presentation
- Printouts of the Masterplan
- Future Community Master Planners Sheets
- The Megan Video (an introduction to the Well-being of Future Generations Act.

We've included the below information in the relevant 'speaker notes' section on the PowerPoint presentation.



Planning for the future

Slide 1

- Explain to the class that you they are going to be helping the Future Generations Commissioner for Wales.

Slide 2

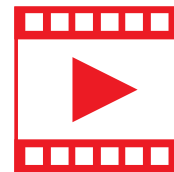
- Explain to the class that they are going to be discussing 'planning for the future'

Slide 3

- Explain to the class that you wish them to be creative and collaborative

Slide 4

- Show the Megan Video
- Ask the class for their observations



Slide 5

- Introduce the 7 Well-being goals again
- You can find 'child friendlier' definitions on page 3

Slide 6

- Introduce the 4 dimensions of sustainable development
- Explain that they are all important when we make decisions

Planning for the future

Slide 7

Ask the class the following questions:

- What does the phrase 'connected community' mean to you?
- How do people connect with one another?
- When and where do people connect in your community?
- What is good about being connected?
- Do you think a connected community helps people understand each other?
- How could we work together in our community to help people understand each other?
- What can help your well-being in your community?
- Explain that a connected community is a place where people can easily come together to access technology, art and culture, share ideas, enjoy outdoor spaces and work together.

Benefits of a connected community to its citizens include:

- It will inspire people to share ideas and create
- It will be easy to get around by transport
- It will encourage citizens to be curious and involved
- It will help them to have a good balance between living, working and playing, by making it easy to get from work to home or leisure activities.

Slide 8

Allow for the groups to feed back and discuss what they like about their communities, and write this on flip chart or a white board. Specific examples are welcomed.

Slide 9

Allow for the groups to feed back and discuss what they would like to improve about their communities, and write this on flip chart or a white board. Specific examples are welcomed.

Planning for the future

Slide 10

Intro to the main activity

- Explain that when a community is being designed, the main design document is called a masterplan.
- A masterplan details what a city will be like in the future, so it becomes a better place to live and work. The masterplan shows details about all aspects of community life, like transport, housing, health, education, business and industrial use, green and public spaces.
- Explain that a lot of decision making about different areas of a community is called urban planning.

Slide 11

- This slide is aimed at making the pupils understand that the world is changing
- Explain that it is therefore important for us to plan for changes like these

Slide 12-18

- These slides show the evolution of innovation and creativity
- Explain that each idea (house) is different and that a lot of planning is required
- The home above the water is designed to fly as a holiday home using a drone
- The home under the water is designed to follow the sun or specific climates

Slide 19-22

- The class is tasked with being urban planners
- They will take on different roles as teams. We suggest you hand out the team one pagers (pages 12 - 15) to the relevant teams.
- Environmental specialists understand how to protect the environment, and use their skills to advise other urban planners about how to protect wildlife and nature.
- Transport committees make sure the community is well-connected for its citizens, with good roads and reliable public transport as well as public walkways and cycle paths. The team also must consider the impact of transport on the environment.
- Well-being and Happiness teams make sure its citizens will have access to spaces and facilities that will promote healthy and happy lives, using research from scientists.
- Education experts help architects think about how buildings and spaces will be good for learning. They also help shape our ideas about the future and create learning activities and resources to challenge us and change how we think.

Environmental

Specialists



Environmental specialists know how to protect the environment. They use their skills to advise on how to protect wildlife and nature, and how to help residents enjoy green and natural community spaces.

- Consider what parks and green spaces you would include .
- Work together to design a small park or natural city space.
- Make sure your design includes areas and facilities for:
 - Healthy living and exercise
 - Cool, shaded areas
 - Wildlife and plant life
- How could your park be 'smart' (use of technology) and connect to the city to share information, protect the environment and make it a better place for people?

Transport

Committee



The transport committee makes sure the community has the right connections for its citizens, with good public transport, public walkways and cycle paths. It thinks about the impact of transport on the environment and encourages residents to use more sustainable ways to get from place to place.

- Think about how residents could easily travel between places.
- Plan some sustainable ways to travel between places
- What initiatives and incentives could you create to allow people to access sustainable transport?

Well-being &

Team



Well-being & Happiness is an important part of creating a community. The Well-being & Happiness team uses research from experts to design spaces and facilities that help every resident to live a healthy and happy life.

- Think about all the things that can help residents to be happy and healthy citizens.
- Remember to think about the needs of children, families, young and working people.
- Design a poster that shows what facilities and activities you would provide. You can think of all residents or focus on one group. You might want to think about:
 - Active living
 - Healthy eating
 - Inclusive communities
 - Relaxation and entertainment

Education

Experts

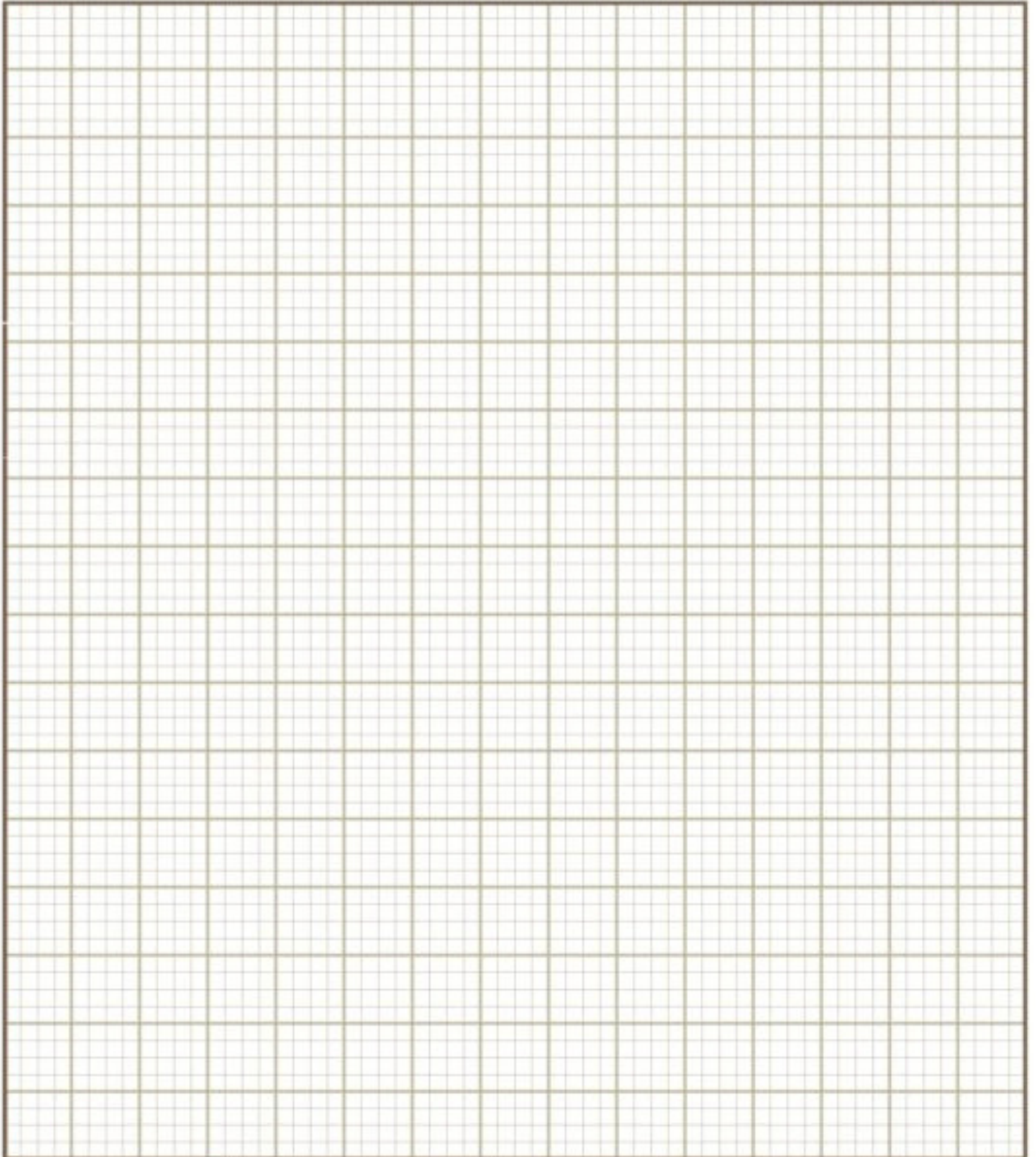


Education experts help shape our ideas about the future. They create ways of learning to challenge us and change how we think.

- What activities could excite young people about the future and help them to think in new ways?
- What would a future school look like?
- How can it be more sustainable?
- How could it achieve all 7 of the National Well-being Goals?

The Masterplan

Use this masterplan at the end to illustrate your 'connected community' with all the different elements you have agreed on.



Planning for the future

Added Activity

These are some challenges you may wish to suggest to the teams during their task to make them think about their actions and ideas. Feel free to add your own.

Challenge

You have received a petition signed by 500 people who don't think you have considered enough green spaces in your design.

Challenge

You are over budget on your plan and must make cut backs.

Challenge

A large business wishes to move into the area creating 300 jobs.

Challenge

A celebrity has joined a campaign calling on you to invest more money in cycle lanes.

Challenge

The media are going to run a story that you haven't involved the community in the planning

Challenge

You haven't considered opportunities for residents to travel sustainably

Planning for the future

Added Activity

You may wish to encourage the pupils to research another country and find out what they are doing that is innovative and sustainable, which is helping communities in these areas:

- Environment
- Transport
- Well-being and Happiness
- Education
- Housing
- Health
- Culture
- Technology

Quiz

Question 1

How many jobs worldwide are expected to be changed by 2022 due to technology and changes in the workplace?

- a) 500,000 b) 25 million c) 75 million

Question 2

What percentage of the Welsh adult population are currently overweight or obese?

- a) 25% b) 65% c) 47%

Question 3

At what age do half of all mental health problems begin?

- a) 25 b) 14 c) 40

Question 4

By 2039, the number of people aged over 65 is projected to increase by what percentage?

- a) 44% b) 28% c) 14%

Question 5

What percentage does transport contribute to Wales' greenhouse gas emissions?

- a) 10% b) 14% c) 20%

Question 6

What percentage of the world's population will live in urban areas by 2050?

- a) 50% b) 35% c) 68%

Question 7

Since 1970, what percentage of the world's mammals, birds, fish and reptiles have been lost?

- a) 60% b) 24% c) 40%

Question 8

Where created the first 3D printed office building?

- a) USA b) Dubai c) Japan

Question 9

What percentage of Welsh families don't have access to a car?

- a) 5% b) 15% c) 25%

Question 10

Around how many houses in Wales are located near rivers or the coast?

- a) 50,000 b) 165,000 c) 105,000

Answers

Answer 1

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Contact Information

Our Website www.futuregenerations.wales

Our Email contactus@futuregenerations.wales

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Twitter [@futuregencymru](https://twitter.com/futuregencymru)

**Remember to share your work and ideas with us on Twitter
#OurFutureWales**



Comisiynydd
**Cenedlaethau'r
Dyfodol**
Cymru

**Future
Generations**
Commissioner
for Wales

