Curriculum for Wales 2022 Feedback Analysis

Children & Young People's Report

Annex 2

Full results of questions on Areas of Learning and Experience



Full results of questions on Areas of Learning and Experience

Each focus group looked at one of the AoLE's and were asked the following questions.

The online survey and toolkit gave respondents the option to choose which AoLE they answered the following questions on.

- 1. Why do you think it's important to learn about these things?
- 2. Are the following 'What matters' statements easy to understand?
- 3. Can you link up why you think it's important to learn about these things to the statements from the guidance?

1. Expressive Arts

This AOLE was explored by four focus groups across Wales. Two primary schools, one secondary school and a protected characteristic group.

Are the following 'What matters' statements easy to understand?

Each group was asked to vote on the three what matters statements.

	Green –	Yellow -	Red -
Expressive Arts, What matters	fully	sort of	don't
statements	understand	understand	understand
a. Exploration through and of the			
Expressive Arts deepens our artistic			
knowledge and contributes to our			
understanding of identities, cultures and			
societies.	12	30	6
b. Responding and reflecting, both as			
artist and audience, is a fundamental			
part of learning about and through the			
Expressive Arts.	23	17	7
c. Creative work combines knowledge			
and skills using the senses, inspiration			
and imagination.	39	4	5

Are the following 'What matters' explanations easy to understand?

Explanation - it's like a completely different language, the last one was so complicated and this one is child friendly (Protected characteristic group)

Expressive Arts, What matters explanations	Green – fully understand	Yellow - sort of understand	Red - don't understand
a. Experimenting with art, dance, drama, film and digital media, and music in terms of techniques, style, materials etc. helps us to develop our artistic knowledge and skills and learning through them help us understand our			
own cultures and societies.	40	5	3
b. Being able to respond and reflect as an artist and an audience member helps to develop skills, understanding, knowledge and appreciation of the arts.	38	7	2
c. Being creative in the arts combines knowledge and skills with inspiration, imagination and the senses in order to devise, make, choreograph, shape, compose and edit as well as perform, present, share, exhibit and produce.	27	12	9

QUESTION; Why do you think it's important to learn about these things? Focus groups

What matters statement

a. Exploration through and of the Expressive Arts deepens our artistic knowledge and contributes to our understanding of identities, cultures and societies.

Primary school group responses. It's important to learn about these things		
because		
It helps you express yourself	You can be more happy	Drama gives you more confidence and talent
Some people find it stress relieving	You can be creative	Drama can help us with our confidence

It can make you more confident	Build up confidence	You get a better voice
You get to be yourself	New experiences	You may need those skills when you get a job
It can make you feel happy	Helps your brain get strong	It's expressive
In drama if you're a bit shy but like drama the performance can help your confidence grow	Music, because you learn words	Film interesting films
You can get better at it	Dance because it helps you to get strong	You have to use digital media like computers to learn facts
You can enjoy it	You learn things	So if you're upset and you don't want to talk you can express yourself

Protected characteristic group responses. It's important to learn about these things		
because		
If you want to pursue these jobs in the		
future	So you can put your emotions on paper	
Something you can do to get out of		
your head like someone that bully you	Because an employer would want someone that	
or trouble learning something	is creative	
So you have an artistic approach to life	So you can be creative and express your	
	emotions	

Secondary school group responses. It's important to learn about these things because		
It can be a way to show your emotions and express how you feel when you can't in words	I think it's important because you can learn new things which can help you to understand different cultures and get jobs such as acting or being a musician	
Mental health awareness	Art is the most important to me because it shares the creativity and other ideas of people	

What matters statement

b. Responding and reflecting, both as artist and audience, is a fundamental part of learning about and through the Expressive Arts.

Primary school group responses. It's important to learn about these things because		
Impress	Because they might use it when they're older	
You can get better at things	For success in your teen years	
You can draw your feelings	You may need them when you are an adult	
Your friends might show you how to do different things	You know you can do it!	
It helps their wellbeing	I think drama is important because maybe when you are older you might be in a show and you might have a character that has some drama together	
It can show improvement	Music is important because when you're stressed, music can calm you down, and yoga	

Secondary school group responses. It's important to learn about these things because			
I think that expressive arts is only important if you enjoy it Music because I listen to it every day and it's part of my childhood			
I don't think expressive arts are that important to me, but they can be for others			
because they might not enjoy academic I	essons		

What matters statement

c. Creative work combines knowledge and skills using the senses, inspiration and imagination.

Why is it important to learn about these things for children and young people?

Primary school group responses. It's important to learn about these things			
because			
Performances	So you can have fun	It can give you confidence	
Get a career you	You might find you're really	It's calming	
enjoy	passionate about something		
Learn to speak in	You can show people how	You can look around and learn	
public	good you are at it	about film	
Enjoyment	It can help us show what we	Art keeps our minds creative	
	can do		

Find a passion	If you want to be an actor you need to learn about film	Art gives you more skills
Express yourself - dance	To prove people wrong	It's important to learn how to dance in case you get called into a dance competition and you will get disqualified in the competition and waste your money
Expressive arts is important because you show off your skills	You can show what you can do	It can show a story
You can be famous	If you learn about music you can be a singer when you are older	Films give you more ideas for your next movie
You can do it to entertain others	If you put your mind to something then you can always achieve it	It's important to dance because it keeps us all sporty and keeps our heart beating and our blood pumping
Show your talents	I think it's important to learn to express yourself in subjects like music and drama because then you can be confident in the future	It can distract you from bad things
You can express yourself	Confidence and showing you're not shy or afraid of trying something new	Art could be a hobby and help you get a job with your passion

Secondary school group responses. It's important to learn about these things because	
It could help people express themselves	
It's a way of expressing yourself	
Jobs, knowledge, social skills, healthy lifestyle (physically and mentally)	
Skills/GCSEs/Knowledge for work	
I prefer art, drama and music	
It helps you to express yourself	
I think dance and music are important expressive arts because they help people expressivemselves	S

QUESTION; Why do you think it's important to learn about these things? Online Survey

The main reasons it is important to learn about expressive arts for the participants in the survey were connected to career opportunities in the future, confidence, a way to express themselves in different formats and developing everyday skills.

I think it's important to learn about these things because you can make a career in it

it's really important to learn art and other subjects because it will help you when you're older and trying to get a job

They can really open up a child's mind. They show the creative side to people. It offers art in a different way, not just drawing.

I think it is important to learn about these things because they boost your confidence by letting you express yourself in front of others and working with groups.

Because it boosts confidence and self-esteem of those learning the expressive arts, links and relates to learning culture and society.

It is important to learn about these things as they can help you develop your creative side, which isn't really relevant in other parts of school. It also helps you build self-confidence and develop skills that aren't usually used enough in school but can allow you to get certain jobs.

I really don't like Art lessons or Drama Lessons and I don't want to have to do it all the way to the end of GCSE. I like my music lessons, but I do music out of school and wouldn't want it as one of the few options I get given to choose from. Digital media and film sound fun and so would photography be but how will schools get equipment to do these we don't even have enough computers.

expressive arts and the other things are important because you need to express yourself all through your life. and if you don't express yourself you will be scared to speak or show your true self.

2. Humanities

Are the following 'What matters' statements easy to understand?

Each group was asked to vote on the five what matters statements.

Humanities, What matters statements	Green – fully understand	Yellow - sort of understand	Red – don't understand
a. Developing an enquiring mind enables learners to explore and investigate the world, past, present and future, for themselves.	22	43	5
b. Events and human experiences are complex, and are perceived, interpreted and represented in different ways.	32	35	4
c. Our natural world is diverse and dynamic, influenced by physical processes and human actions	16	50	5
d. Human societies are complex and diverse, and shaped by human actions and beliefs.	39	15	17
e. Informed, self-aware citizens engage with the challenges and opportunities that face humanity, and are able to take considered, ethical and sustainable action.	32	20	21

Are the following 'What matters' explanations easy to understand?

Humanities, What matters explanations	Green – fully understand	Yellow - sort of understand	Red - don't understand
a. Encouraging learners to ask questions, investigate and understand the world today and			
in the past. Helping learners to ask questions			
about their own experiences and think about			
what the future might be like.	58	11	2
b. Learning about and making sense of your			
own and other people's opinions, views and			
ideas.	66	10	1
c. Understanding the impact that the natural			
world has on humans and the impact humans			
have on the natural world. This includes how			
and why the natural world changes, and how			
these changes have positive and negative			
effects for humans. It also includes beliefs and			
ethical views about human actions toward the			
natural world.	36	24	8

d. Understanding and learning about ways of life			
in different societies in the past and present.			
Understanding how people have and continue to			
live together, how communities and societies			
work, and how people try to build a sense of			
community and belonging.	39	25	7
e. Learning about the problems that humans			
face in the world today and understanding some			
of the opportunities there are to solve these			
problems. Understanding people's role and			
rights as citizens and being able to be an active			
citizen.	38	16	0

QUESTION: Why do you think it's important to learn about these things? Focus groups

What matters statement

a. Developing an enquiring mind enables learners to explore and investigate the world, past, present and future, for themselves.

Primary school group responses. It's important to learn about these things because		
to know more	So you know stuff for your future, job	We learn about Cardiff, our Capital city
it's important to know about the history of the world	Help get a good job	To help get a very good job
learn about what has happened in history	Helps to go out exploring the world	So when we do the test we know the answer
what happens in the future if we continue	It's important to learn about Aberystwyth because it is our home	Vincent Van Gogh (famous artist)
to know what has happened in the world	It will help you to know how the world works	It is our right to learn about this stuff!
Business studies so you know how to set up a business and how taxes work	It will help you navigate the world	With business studies, it'll help you start your own business
Because if you're stranded, you know co-ordinates	Cardiff, capital cities, because Cardiff is our capital city	Tudors
Because we need to educate the children for a job!	To get to university, then get a job	Because it's good to learn about Wales
It will get you a job	We need to know about jobs!	Even if you don't go to university, you can get a job

It will help you to learn about your job

Protected characteristic group responses. It's important to learn about these things		
because		
History: What happened in the past, try not to repeat the same history and learn from the past	Religious Education: To understand others' religions and beliefs	
Geography: To know what's happening all over the world and places	We need to know the past and know what the world is like today	
History: To understand what it was like years ago	People to know what happened in the past	
History: Because we need to learn about the past and help it.	To give knowledge about the world and how to protect the world	
It needs to be worded better for young people	o!	

Secondary school group responses. It's important to learn about these things because		
I just don't get it, we don't explore the world for ourselves	To learn about our ancestors	
Maybe they will help you in the future	It may help us in the future with taxes	
So events such as WWIII don't happen	Geography so you know where a country is and you know how to use a map	

Explanation: I get it now!

b. Events and human experiences are complex, and are perceived, interpreted and represented in different ways.

Primary school group responses. It's important to learn about these things because		
know what is happening in the world	Social skills	
it's important to learn or you don't know		
anything	Titanic	
It's important to learn in order to learn		
information	New hobbies	

Protected characteristic group responses. It's important to learn about these things because...

To understand what's going on around the world, such as ethical issues (RE)

We need to help the world because animal or forest it may not always live if it makes it worse.

What matters statement complex - not sure what interpreted means - explanation explains it a bit more, puts it in simple form

Secondary school group responses. It's important to learn about these things because		
It will give you the chance to learn about		
people	It may help you in the future	
	Because learning about people can help you be more sympathetic and	
Helps us for the future	understanding towards each other	
	Help you go into a business or even create	
You know what happened in the past	a business	
So we know more about different countries	5,	
cultures and people	To get different views on religion etc.	
It is important to understand others		

c. Our natural world is diverse and dynamic, influenced by physical processes and human actions

Primary school group responses. It's important to learn about these things because		
to know what's happening in the world	History can help you learn and see how the lifestyle was in the 17th C	
how you can help the world	Religious education can help tell people to support your Christianity	
know about the world	To get around places and know where everything is	
We need to know how to get places	To get to places in where you live	
To educate children on where places are	Rivers and dangerous places	
To get around places and to know where everything is	Geography	
Because it's where we live	I think learning about creatures will help us	
Mountains	You could find a new hobby	
With history you get to know about the history of the world		

Protected characteristic group responses. It's important to learn about these things because...

Geography because we need to learn about nature

Explanation has words I understand, more descriptive, talks about pollution and litter - negative impact.

Secondary school group responses. It's important to learn about these things because

You might have a job to do with geography, so it's important that you've learned about it Different societies, cultures, countries and religions

I think it helps to stop racism of any kind

What do 'diverse' and 'dynamic' mean?

d. Human societies are complex and diverse, and shaped by human actions and beliefs.

Primary school group responses. It's important to learn about these things because		
to get a good job	Keeps record of what happened before	
to know what's happened in the past	We live in Wales so we should learn about it	
help you when you're older	Keep memories alive	
Understand the world	Geography can help you learn more about our country and other countries	
Learn about WWI/WWII, the royals or the Nazis	It's important to learn history so when you go to a place you know the history of it	
Learn about how our country formed	We are humans too so we should learn about others such as people with religions, important people and the royal family	
Passing it on to our children	Know what's happening more in the world!	

Protected characteristic group responses. It's important to learn about these things because		
To understand other people's belief in their religions	To know about the outside world	
To understand other religions and beliefs	Learning about how we live together	
To understand what is going on in society and the world (sociology)		

I understand it but what does 'diverse' mean?

Secondary school group responses. It's important to learn about these things because		
To learn about different beliefs and teachings, I have given a presentation about my beliefs	Life, social skills and things	
Helps you when you grow up by learning information for your job	Because it helps us understand	
Because this is about us - humans. We are learning about our own species and it's important		

e. Informed, self-aware citizens engage with the challenges and opportunities that face humanity, and are able to take considered, ethical and sustainable action.

Primary school group responses. It's important to learn about these things because...

good work	Because it will help you in life	
learn things	Social awareness	
develop skills	It's important to learn about England	
	because it's our neighbouring country	
what's going to happen in the future	We should learn about what rights we	
	have	
If we learn about history, we can learn	So it can help us move further on	
from our mistakes	about the subjects in life	
Major roads and places	I think it will help us when we are older	
Because it could get you a job	Because it will help in life	
It's important to learn about **** because	It's good to learn	
it's our village		
It's important to learn about Wales	It will help you to know what's right	
because it is our country		
You learn about the law so you don't	You could get a job with the subject	
break it without knowing	you're best at! Like, if you're good at	
	science you might get a job as a	
	scientist!	
History, learn from mistakes in the past	To learn from your mistakes - WW1	
	and WW 2	
They need to know who sponsors and advertisers are		

Protected characteristic group responses. It's important to learn about these things because...

Understanding people and how they have	Learn what's happening in the world
troubles in their lives	

Secondary school group responses. It's important to learn about these things because...

Adopt social skills	Knowing about business studies is important because of the practical skills you'll need later in life
Map reading	Helps you interact with others because you have a better understanding of each other
You can learn about other people's life/conditions	It is important because you learn about people and their heritage
Helps in later life	You can learn about the history of the world

Learning about the world around them was one of the most important aspects of learning about Humanities for many of the participants in the online survey. This included learning about cultures, politics, geography, religion and history. The importance of learning about history was highlighted numerous times as an important aspect of humanities to be able to understand how we had got to this point and learn from the past. This understanding was also strongly linked to developing acceptance and respect of others.

I think it is important to learn about these things because it gives you the chance to accept other people's religion and learn about the past.

To learn about humanities makes people more knowledgeable about other people. Especially with history and religious studies, this is because we can learn from our mistakes and other people in the world. This makes us learn about politics, social society and how the world works. We learn about the environment and how to help it. Business, even in Geography.

to learn about vital things in the past and respect different religious believes

I think its important to learn Humanities because it shows where we come from and how to respect each other, and to be able to think we're all equal

I think it's important because it can help us gain a better understanding of 'why are we here' and help us ask more 'what if?' questions. it can also help us gain a better knowledge of a career path.

Humanities helps pupils understand many things in their life and in the world present, past and maybe predicting the future. They are all essential to learning and would all help you in life in different ways.

3. Health and Well-being

Are the following 'What matters' statements easy to understand?

Each group was asked to vote on the five what matters statements. Two secondary, one primary and protected characteristic group looked at this AoLE.

Health and Wellbeing, What matters statements	Green – fully understand	Yellow - sort of understand	Red - don't understand
a. Developing physical health and wellbeing has lifelong benefits.	40	8	0
b. How we process and respond to our experiences affects our mental health and emotional wellbeing.	20	12	1
c. Our decision making, impacts on the quality of our lives and the lives of others.	41	7	0

d. How we engage with different			
social influences shapes who we are			
and our health and wellbeing.	16	30	2
e. Healthy relationships are			
fundamental to our sense of			
belonging and wellbeing.	31	15	2

Are the following 'What matters' explanations easy to understand?

Health and Wellbeing, What matters explanation statements	Green – fully understand	Yellow - sort of understand	Red - don't understand
a. Health and well has life-long benefits	44	4	0
b. How we deal with the things that happen to us can affect the way we think, feel and behave.	47	1	0
c. The choices we make can affect the quality of our lives and the lives of others.	45	3	0
d. How we engage with the people, groups and influences around us makes us who we are and can affect our health and wellbeing.	33	14	0
e. Having positive and healthy relationships with friends, family and others helps us to feel part of something and can improve our well-	40		
being.	42	6	0

QUESTION: Why do you think it's important to learn about these things? Focus groups

a. Developing physical health and wellbeing has lifelong benefits.

Primary school group responses. It's important to learn about these things because...

So you can be healthy and tell your	To live a happy life
friends and family how to be healthy	
You can learn about your body and	To keep healthy
emotions	
So we can be exercised and we need to	If you are not healthy, you might get ill
be well for school	and that will be bad for your health
To be more happier about your stuff	So we can be healthy and have a happy
	life

It's good to learn about it because it shows you how to get fit and healthy

Protected characteristic group responses. It's important to learn about these things because...

	T
To understand the mind and body	Health should always come first

Secondary school group responses. It's important to learn about these things because...

To learn not to bottle up problems	Prevent a future problem	
To understand what's important in life	It will make people feel confident in	
	themselves	
If you get into that situation, you know	Being physical can benefit mental	
what to do	health and physical health	
Keep fit		

b. How we process and respond to our experiences affects our mental health and emotional wellbeing.

Primary school group responses. It's important to learn about these things because...

You might not know what to do if something happened to you	You know other people's emotions
You could do the wrong thing, eg. eat something raw	It's important because you can get healthier and some sports make you grow confident
You can be yourself	So you can feel happy all the time
To feel safe if you have an argument	To learn how to deal with problems

Protected characteristic group responses. It's important to learn about these things because...

For self-actualisation	So young people can recognise in themselves when things may be wrong, not judge themselves for struggling and seek help.	
Programs to show people symptoms and how to help in those situations	Wider knowledge of mental health issues reduces the stigma surrounding them	
Allowing people to know they're not alone through education of the topic is extremely important	Educate on resources available to help	
Mental health is stigmatised and brushed off so easily		

Secondary school group responses. It's important to learn about these things because...

To help people look after themselves	Deal with mental illnesses
To understand people more, mentally	Learn how to cope with knock backs in life and how to bounce back
So you don't get into a bad mental state	Humour
To help you be yourself	Spot psychological problems in others

c. Our decision making, impacts on the quality of our lives and the lives of others.

Primary school group responses. It's important to learn about these things because...

Because it makes you happy	If you're not well you can't learn
You won't know anything about diseases	_

Protected characteristic group responses. It's important to learn about these things because...

To not be stuck in an academic box and venture outside of grades

Secondary school group responses. It's important to learn about these things because...

	How to support others with mental	
To understand their situation	illness	
	Learning about psychology can help	
To understand other people's points of	us understand and contribute to	
view	society	
It will give people a better understanding		
of what things are happening in other		
people's lives	If you have a problem	
	Preparing for the future and going into	
Makes people less judgemental of others	the outside world	
Knowing how to socialise with others to avoid arguments or getting into trouble		

d. How we engage with different social influences shapes who we are and our health and wellbeing.

Primary school group responses. It's important to learn about these things because...

If you're not well then you won't be in for	We need to be well to go to school
some days	

Protected characteristic group responses. It's important to learn about these things because...

Autistic people feel like they are left out in most situations and people may bully them because they are autistic	The world would be a healthier place	
People have the knowledge about different people and hold positive inclusive views		

Secondary school group responses. It's important to learn about these things because...

So you understand other people and	Learn about how to deal with the
yourself	feelings of others
To help you feel like you're not alone	Learn about mental health
It will help you understand how you are	
feeling	Understanding

e. Healthy relationships are fundamental to our sense of belonging and wellbeing.

Primary school group responses. It's important to learn about these things because...

Dodacom	
To be energetic	So you know what to do if you're depressed
To be fit	Being happy and healthy
	You're not going to be fit if we didn't do
To be strong	PE

Protected characteristic group responses. It's important to learn about these things because...

	Learning how to communicate properly in an emotional way, controlling
To take better care of oneself and better care of others	misdirected anger and learning how to talk about own issues
	So people are able to form a variety of
Able to help those around you	healthy and fulfilling relationships

Secondary school group responses. It's important to learn about these things because...

To get them out of a sticky situation	To understand others	
To understand what other people feel	Respect to others with mental health	
How hard life can be for others	Respect	
To understand other people's problems!	Understanding emotions can help people form good, strong relationships	
To understand what other people are		
going through	Makes people feel accepted	
To help people	Include everyone	
	Makes people feel like they're not	
To learn that others have different lives	alone	
To understand people's problems	To understand other peoples issues	
To understand their situation	Help others to become themselves	
To know how you can help troubled		
people	To learn how to teach others	
So people understand what people might be going through, and so more people		
could be educated on things like depression, anxiety, etc.		

could be educated on things like depression, anxiety, etc.

QUESTION: Why do you think it's important to learn about these things? Online Survey

This area of learning and experience was seen as one of the most important of all the areas as it teaches young people to look after their physical and mental health, build positive relationships and be happy.

I think its important to learn about being healthy and be well-being, is to keep you safe and strong, and to make new friends so you won't be lonely.

Keeping young people happy is very important. Health and well-being is a key part of children's education.

It's very important to learn how to keep healthy and active. Some children in my year can't come to school because they're too anxious.

so if we have a problem we know who to talk to if there is someone bullying you or hurting you you can go and tell a teacher

so you can be happy and healthy

My opinion on health and wellbeing is that its important because day after day more adults and kids are becoming depressed and some even try killing themselves. For this reason it's important not only to have a physical healthy lifestyle but a mentally healthy lifestyle as well, so we are all in our right minds and are not thinking so low about ourselves.

4. Science and Technology

Each group was asked to vote on the six what matters statements. Two primary, one secondary and one protected characteristic group looked at this AoLE.

Are the following 'What matters' statements easy to understand?

Science and technology, What matters statements	Green – fully understand	Yellow - sort of understand	Red - don't understand
 Being curious and searching for answers helps further our understanding of the natural world and helps society progress. 	32	13	2
 Design thinking and engineering are technical and creative endeavours intended to meet society's needs and wants. 	18	21	7
c. The world around us is full of living things which depend on each other for survival.	45	3	0
 d. Understanding the atomic nature of matter and how it shapes the world. 	22	20	6
e. Forces and energy determine the structure and dynamics of the universe.	28	13	8
 f. Computation applies algorithms to data in order to solve real-world problems. 	8	20	20

Are the following 'What matters' explanations easy to understand?

Science and technology, What matters explanation statements	Green – fully understand	Yellow - sort of understand	Red - don't understand
a. Being curious and searching for answers helps us understand the natural world and helps	40		
society progress.	42	4	1
b. Using design methods and engineering, you can make products and services that people want and need.	40	7	0
c. The world around us is full of living things	40	,	
which depend on each other for survival.	40	8	0
d. Understanding the atomic nature of matter			
and how it shapes the world.	22	20	6

e. Forces and energy affect the structure and			
movement of everything in the universe.	37	11	1
f. Understanding and solving real world			
problems using data and systems.	38	7	2

QUESTION: Why do you think it's important to learn about these things? Focus groups

What matters statement

a. Being curious and searching for answers helps further our understanding of the natural world and helps society progress.

Primary school group responses. It's important to learn about these things because...

The world is evolving, technology is	
changing.	You see science every day
The explanation is easier to understand	Because you can use it in life
Because you can use it during life if you	
need to	To know how things work
Science is all around you, that's why it's	The world is evolving and we will need
important to learn about it	to use technology
	It's important to learn about science
	and technology because when you
So that in the future you will understand	have a job when you are older, it might
the world more.	involve it

Protected characteristic group responses. It's important to learn about these things because...

It allows for more development and improvement in our modern world, it pushes humanity forward.	think it is important because it will get you a degree
They are subjects that branch to GCSE	
courses	To find out if you like learning about it
Teaches you so you have a basic	Science is not important as I don't
understanding and ability	need it like maths and English.
	think it is important because it will get
To find out if you like learning about it	you a degree

Secondary school group responses. It's important to learn about these things because...

To open up more jobs	Most jobs include science and technology, therefore it's important to learn
To be more creative	To understand how things work
To understand what chemicals are dangerous	Increase our knowledge
To understand about making things	Reach out and find new people
To teach us how to cook	You need to know what else there is in the world and the universe
How to make world changes	Reaching out to new people
To understand things more clearly	To be creative
To learn how to be creative	Expectations from mum who teaches physics

b. Design thinking and engineering are technical and creative endeavours intended to meet society's needs and wants.

Primary school group responses. It's important to learn about these things because...

because you will need to use it in your future jobs, that includes scientists, and astronomers, also a lot of ways to get rid of illegal drugs	It can be your job and career when you're older
I understand the WM statement, but I don't think younger kids would. Probably, year 4 might struggle and think it's gobbledeegook.	because if you want to learn about it when you're older
It can be your job and career when you're older	because if you want to be an engineer you need this for it
It's good to learn technology because when you're older you won't be confused with internet and your job might have technology	be able to make things
Science is good for your brain	It is important because if you don't know you might not graduate

Protected characteristic group responses. It's important to learn about these things because...

Science and Technology are advancing and becoming crucial in many mainstream jobs	If in primary, Y.P wouldn't get any of it
Lots of jobs relate to S.T.E.M subjects	ICT should be used much more

Secondary school group responses. It's important to learn about these things because...

Life skills	Helps with future
Try new things	You need it for your future jobs
You need to be better than another person trying for a job, so you need to understand	How we make things

c. The world around us is full of living things which depend on each other for survival.

Primary school group responses. It's important to learn about these things because...

Because you might want a job in science	Learn the human body
or technology, so you need to learn about	
it	

Protected characteristic group responses. It's important to learn about these things because...

Everything in life leads back to them	It is constantly developing and
	affecting our world

Secondary school group responses. It's important to learn about these things because...

Tourism	Basic skills
The brain/evolutionary scale	Managers listen to people with more qualifications for jobs
How to make food and live healthy	How to look after yourself
To know how to be creative	To learn how to make things
To reach out to new people	

d. Understanding the atomic nature of matter and how it shapes the world.

Primary school group responses. It's important to learn about these things because...

Having a knowledge of science	In the future, you will understand the world more
Younger students won't know what atomic means, I don't even understand what that means	Physics is basically everything, how we kick a ball, etc.

Protected characteristic group responses. It's important to learn about these things because...

I got it but other young people wouldn't	atomic nature of matter = particles?
	Chemists mind = Other mind.

Secondary school group responses. It's important to learn about these things because...

To learn how the human body works	Life hacks	
To understand the miracle of life	To know how the world works	
These subjects are important to learn as you need good qualifications in good		
subjects		

e. Forces and energy determine the structure and dynamics of the universe.

Primary school group responses. It's important to learn about these things because...

Become an astronomer and stop illegal drugs	To know how things work
I understood it because I used to be a	Universe
space maniac, I read a lot of space text	
books, but year 4's wouldn't understand it	

Secondary school group responses. It's important to learn about these things because...

Weather	help other people
To have chance of a better job	to learn how to be creative
entertain	To understand how things happen

f. Computation applies algorithms to data in order to solve real-world problems.

Primary school group responses. It's important to learn about these things because...

I don't understand some of the words, they are too complicated	Because you need to know about cyber bullying to know that it's bad
Computation? Algorithms? Too hard and too complicated	The world is evolving and we will need to use technology
Science is everywhere, that's why it's	If you don't learn you can't be an
important	electrician

Protected characteristic group responses. It's important to learn about these things because...

Involving pupils in the new developments	Improves maths and communication
within modern technology throughout the	
world	

Secondary school group responses. It's important to learn about these things because...

Better understanding of the world	Learn about how the world is
	changing
Learn about culture	Important to learn it
Helps you get a job	Helps in other subjects

QUESTION: Why do you think it's important to learn about these things? Online survey

The importance of Science and technology for many respondents to the survey lies in understanding how things work and developing new technologies for the future. For many it was about developing skills for job opportunities in the future and others referred to the importance of science to develop curiosity and creativity.

I think it's important to learn how the world works because it's been over 2000 years and we still don't know how we are here or how the universe is even a thing. Because of this we should feel like we need to solve it and try our hardest to make our own theory's.

this is important to know how the earth works so we can stop doing stuff to damage it

it's better to understand the universe to help other people and again jobs can use science and you wold use science on an ordinary day

if we didn't know science and chemistry and all that stuff we wouldn't have any phones or things like that and nobody would know how to make a car.

it's important to teach science and technology, because we can help our generation by preparing new scientists, engineers etc. it can also help us prepare for the new changing world with technology and science equipment changing and improving every day.

This is important because it gives us knowledge about how things work and helps us understand about what might happen in the future. We need to know all these things because they are the things that are changing our future.

Learning about science and technology gives us a scientific view of the world, it teaches us how things can work, it helps us understand and solve problems and it mixes many subjects together to give us a good understanding of the world in all aspects of science and technology but it teaches us with them together so it develops our understanding of the world.

5. Mathematics and Numeracy

Are the following 'What matters' statements easy to understand?

Each group was asked to vote on the four what matters statements. One secondary and three primary groups looked at this AoLE.

Maths and numeracy, What matters	Green – fully understand	Yellow - sort of understand	Red - don't understand
statements			
a. The number system is used to represent			
and compare relationships between numbers			
and quantities.	16	25	17
b. Algebra uses symbol systems to express			
the structures of relationships between			
numbers, quantities and relations.	16	30	13
c. Geometry focuses on relationships			
involving properties of shape, space and			
position, and measurement focuses on			
quantifying phenomena in the physical world.	10	17	29
d. Statistics represent data, probability			
models chance, and both support informed			
inferences and decisions.	20	18	21

Are the following 'What matters' explanations easy to understand?

Maths and numeracy, What matters explanation statements	Green – fully understand	Yellow - sort of understand	Red - don't understand
a. Understanding numbers, qualities			
and how they relate to each other is an			
essential skill in all areas of life as well as for further study and employment.	43	14	3
b. Skills to use a symbol system in	40	1-1	
maths can help with problem solving,			
reasoning and creating models of the			
world and can be used in real world			
situations like working out finances and	0.7	4.0	
in technology.	37	16	6
c. Understanding how shapes relate to			
each other in Geometry can be used in			
many areas including art, construction,			
science and technology, engineering,	47	7	4
and astronomy.	47	1	4
d. Statistics help to make informed	47	7	4
choices and decisions.	47		4

QUESTION: Why do you think it's important to learn about these things? Focus groups

What matters statement

a. The number system is used to represent and compare relationships between numbers and quantities.

Primary school group responses. It's important to learn about these things because...

possible that younger children won't understand, infants that haven't done the numbers statement won't understand	counting
time	mean
a part of every job	you can get a job that includes maths, like an architect
know the date	shopping
jobs	pints, litres, mls
you'll know the date	measuring in cms, metres, mm, km, miles
help you in life	measuring
know tables	measuring units and liquid measuring units
to know the time	Liquids
Maths stands for Mental Abuse To Humans	Exams and GCSEs
Maths is good so we can calculate	So you are able to do your daily job
Maths helps us when we are in university	Most jobs need basic maths skills
Valuable	Add up numbers and understand sums for your job
Teach future children	If you get a job in a shop, you need to add up the money
Maths is very useful	Later life
Maths is valuable to our life	So if you work in a shop
Math = brain cells	When you're older to add things up
Use it every day	So you have to find out the total of your shopping you use maths
To learn about numbers and counting	I wanna be an inventor and you need maths for that

Secondary school group responses. It's important to learn about these things because...

Finances	It helps you out in other subjects like
	science and DT
Shopping	Helps you get a job and start your life
Life skill, you need it in every day life	It makes you smarter

b. Algebra uses symbol systems to express the structures of relationships between numbers, quantities and relations.

Primary school group responses. It's important to learn about these things because...

division	helps you keep your money. Not be in debt.	
money	main thing in shops	
to know multiplication, division, addition and subtraction	money in the future	
when you're in the shop	money	
bank	divide money when paying for food	
because multiplication, division, addition and subtraction will be easier	maths problems outside of school	
charity work	dividing things	
when you're buying clothes in a shop	Multiplication	
Can be annoying	Counting money when we are older	
It is important to the curriculum	Maths helps us with money	
It makes us smart	Maths helps us with time	
Hard	Do we know how to deal with money, etc	
It helps us in our daily life	Because if you want to be a radiotherapist or most doctors or nurses or vet, then you need a high level of maths skills	
Maths helps us with various things	Because it prepares you for work like architect and more	
Helps with life		

The statement is easier to understand than the explanation

Secondary school group responses. It's important to learn about these things because...

0	V b. (/ l.l.
Cooking	You can bet/gamble

You can figure out how much and how	You get a better chance
many	
It can help you cook	Helps you finance and budget and
	save
You can feed animals	You can buy a car

c. Geometry focuses on relationships involving properties of shape, space and position, and measurement focuses on quantifying phenomena in the physical world.

Primary school group responses. It's important to learn about these things because...

The explanation really helped. Saying what it is about e.g. art has helped it make sense	Fun	
Perimeters	We use maths every day	
Surface area	Every day life	
Buildings	For your job in the future or later in life	
Work	Because money is in the real life	
Building	If you're buying things	
Maths is an international skill	Because we have maths everywhere and we need maths to be good at things	
Increases chances of getting jobs	Because we have maths everywhere and we need maths to be good at things	
Maths is an international skill	Every day life	
Increases chances of getting jobs	For your job in the future or later in life	
Fun	Because money is in the real life	
We use maths every day	If you're buying things	
Because we have maths everywhere and we need maths to be good at things		

Secondary school group responses. It's important to learn about these things because...

Work	Building
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d. Statistics represent data, probability models chance, and both support informed inferences and decisions.

Primary school group responses. It's important to learn about these things because...

Percentages of people	it will help us with jobs when we're older
dealing with data	Also helpful
knowing numbers	Helps throughout life
dealing with money	Helps in everyday life
dealing with data	For money it helps
In general life you use maths every day	Exams and GCSEs

Statement really difficult to understand

One or two words we didn't understand The explanation helped lots

QUESTION: Why do you think it's important to learn about these things? Online survey

The importance of Maths in everyday life was recognised by the majority of respondents to the survey, this was linked to finances, DIY, shopping, problem solving and jobs.

maths and numeracy is everything around us and we need to learn about it

Mathematics and numeracy is in everyday life and we need it to understand many things including money, time and dates. Basic numeracy skills help us throughout every day and help us understand the world better.

its important because maths teaches you about real life situations you may have with money or if your building something you need the exact size of a corner.

Its important to learn Mathematics and Numeracy because in everything that we will do whilst we're alive will always include working with money and percentages when shopping- either as a discount or part of VAT of the product that you buy. Whatever we do in life will always be based on numeracy and mathematics, maybe not all of the aspects of it like algebra but most of it will be used.

it will help our brain with solving problems and it will make a big difference in our life you can get jobs like a builder

maths is in every subject, so you basically have to know it to get anywhere in life. Without it, nowhere will take you, as even as say, a painter, you still need to know the ratio between colours.

Numeracy and Mathematics are essential for learning and are used daily by everyone, from solving problems to shopping and building.

6. Languages, Literacy and Communication

Are the following 'What matters' statements easy to understand?

Each group was asked to vote on the four what matters statements. One secondary, one primary and one protected characteristic group looked at this AoLE.

Language, literacy and communication, What matters statements	Green – fully understand	Yellow - sort of understand	Red - don't understand
a. Learning about identity and culture through languages prepares us to be citizens of Wales			
and the world.	6	7	8
b. Learners who listen and read effectively are prepared to learn throughout their lives.	15	3	2
c. Learners who speak and write effectively are prepared to play a full part in life and work.	12	8	0
d. Literature fires imagination and inspires creativity.	16	2	2

Are the following 'What matters' explanations easy to understand?

Language, literacy and communication, What matters explanation statements	Green – fully understand	Yellow - sort of understand	Red - don't understand
a. Learning through languages about ourselves and what makes us who we are and about the			
ideas, customs, and ways of life of different			
people and groups of people, prepares us to be citizens of Wales and the world.	17	9	5
b. Listening and reading will help you learn	17	9	3
throughout your whole life.	29	2	0
c. Speaking and writing will help us play a full		_	_
part in life and work	31	0	0
d. Books, poems plays and films can help you			
be more creative and imaginative	29	1	1

QUESTION: Why do you think it's important to learn about these things? Focus groups

What matters statement

a. Learning about identity and culture through languages prepares us to be citizens of Wales and the world.

Primary school group responses. It's important to learn about these things because...

You understand when you go to another country	When you go to another country you understand
Teach the language to other people	Learning Welsh
	You can teach other people your own
When you travel around the world	language

Protected characteristic group responses. It's important to learn about these things because...

Get a home

b. Learners who listen and read effectively are prepared to learn throughout their lives.

Primary school group responses. It's important to learn about these things because...

You can read more books	Speak with more people
Read more books	Read more books
	Understand more television
Help you get a job	programmes

Protected characteristic group responses. It's important to learn about these things because...

Understand things	To learn maths and science, history, DT
It gets you far in life, it gets you a job and gets you money for your kids	The words make it complicated, some people are deaf and blind, it won't help them
It is important to understand because it will help us in the future, we will all need extra help	

c. Learners who speak and write effectively are prepared to play a full part in life and work.

Primary school group responses. It's important to learn about these things because...

To read signs	Welsh helps you get different jobs
Literacy means you can read better	Speak with different people
Do more work	Speak with new people

d. Literature fires imagination and inspires creativity.

No responses given here.

QUESTION: Why do you think it's important to learn about these things? Online survey

In this Area of Learning and experience it was important for many respondents that they could communicate in other languages to be able to communicate with people for employment, while travelling or on holiday, or with people from other countries. This was also highlighted as important in terms of understanding other cultures. The importance of communication skills for everyday was also emphasised by many respondents. There were mixed responses to learning Welsh as part of every young person's education.

it is important to learn languages so that is someone comes to your school and only speaks a little bit of English you can speak to them in what ever language they speak

Language helps people to communicate and learning other languages help to broaden your understanding of the world and other people you may come across.

It is extremely important as it helps people to communicate and become more ambitious and motivated to learn new languages. The languages you learn will help to build routes to confidence. Also, it helps to respect each language for what they are and not disrespect others because they the language they communicate in.

I think languages are one of the most important and fun thing to learn. It helps to know what other people speak and I enjoy personally learning how other languages learn. I want to learn more about languages like Korean and Mandarin.

In my opinion language subjects should be optional, this is why. In my current school we do Welsh, I have learnt to speak and write in welsh however as soon as I leave this will no longer matter, I will never need to speak it again. Again schools not preparing us for the future and only for a grade.

Welsh especially is a language that has started to decrease in popularity. People think it's important to learn the language as it's been apart of the country for centuries. Learning other languages is good for jobs such as voice actors in welsh or French etc.

I am in an English School and I don't want to do more Welsh. I want other languages. I think the curriculum for English schools should be different so we can do more different languages. I can see why I would learn other languages but not Welsh. My cousins in England get to do more cool lessons while we do lots of Welsh. I don't need to be bilingual.

speaking a second language fluently improves multitasking and decision-making. Studies have found speaking more than one language can improve brain functions like the ability to perform mental tasks.

