



WELSH BACCALAUREATE

National/Foundation Skills
Challenge Certificate

**STUDENT
HANDBOOK/LEARNING
JOURNEY**

1. INTRODUCTION

The WJEC National/Foundation Welsh Baccalaureate specification is available for delivery from September 2015.

Welcome to your WJEC teacher support pack, which has been designed to assist you in the delivery of the National/Foundation Skills Challenge Certificate. This resource includes a variety of support materials, which have been directly matched to the requirements of the specification.

It is the intention of this guide to be but one of several ways in which WJEC provides assistance to teachers delivering the specification, sitting alongside CPD and support from Regional Support Officers (see next page for contact details).

WJEC provides the following as part of its support for all specifications:

- Moderators' reports on each assessment series
- Easy access to the specification and other key documents on the main website
- CPD
- Easy access to both the Regional Subject Officers and to administrative sections



“We offer the Baccalaureate in Key Stage 4 and from our experiences the proposed changes are very much welcomed. The simple fact that it is now graded has given it a greater status, among students and parents, and as a result the commitment is so much greater”

Catrin Evans, Ysgol Gyfun Gymraeg Llangynwyd

2. MAKING TEACHING APPLIED AND PURPOSEFUL

The Welsh Baccalaureate aims to enable learners to develop and demonstrate an understanding of and proficiency in essential and **employability skills**. These are the skills that employers and next-stage educators value and which learners need for learning, work and life.

By adding **personal development skills** to vocational qualifications or academic study, the Welsh Baccalaureate helps young people achieve more. It makes them better equipped for the world of work, better informed and more active citizens. It allows for more flexibility in their studies, whatever mix of courses they are following. Students become better prepared for further and higher education, as well as employment.

It is important that learners recognise that the **skills knowledge and skills understanding** they develop are relevant. Applied learning can give learners 'real-life' purposeful experiences within and outside the school/college environment.

The activities within this teacher support pack where possible adopt an applied and purposeful approach to learning.

3. MAXIMISING EMPLOYER LINKS

Some of the suggested Challenge Briefs and resources are designed to enable learners to work on real life projects. Learning involving different types of organisations and employers will support the learners' knowledge of real life and the skills required. The skills developed in the completion of the Skills Challenge Certificate will benefit the learners, the school/college and the employer.

The Welsh Baccalaureate will allow students to:

- Develop an appreciation of the importance of skills development as a key aspect of life-long learning;
- Engage in active, creative, open-ended and learner-led opportunities;
- Enquire and think for themselves, plan, make choices and decisions, solve problems and reflect on and evaluate these;
- Broaden their experience through engagement with external organisations;
- Develop as effective, responsible and active citizens ready to take their place in a global society and in the workplace; develop initiative, independence and resilience;
- Increase their confidence and their motivation for learning and skills development; work independently, take on responsibilities and work effectively with others.

The table below gives some examples of the benefits of working with employers for this qualification.

Benefits to the learner	Benefits to school/college	Benefits to the employer
More purposeful and enjoyable	More motivated learners	Make learners more aware of real life businesses
Improved aspirations	Improved attainment and achievement	Better relationships with schools/colleges
Ability to apply skills, knowledge and understanding in future contexts and situations	Better links with employers	Increased opportunities to select future employees
Prepared for future research	Community involvement	Provide a more work ready and flexible workforce
Develop employability skills		

4. ASSESSMENT

The Skills Challenge Certificate components are ***internally assessed*** and ***externally moderated***. The purpose of assessment is to ensure that effective learning has taken place in order to give learners the opportunity to achieve the learning outcomes specified for each of the four components. WJEC will moderate the Individual Project and the three Challenges separately and aggregate the results to provide an overall grade for the Skills Challenge Certificate.

4.1 Managing Assessment

Formative Assessment

Formative assessment is used to monitor each learner during the teaching and learning process. It enables teachers to provide feedback on progress that has been made by learners. The use of mini challenges would provide an ideal opportunity for teachers to carry out formative assessment to help learners:

- Identify strengths and weakness in application of skills
- Target areas for improvement in application of skills in context of a Challenge

Summative Assessment

Summative assessment is used once the teacher is satisfied that learning is complete. Learners are expected to produce evidence that illustrates they have developed the skills, knowledge and understanding to a relevant standard. Summative assessment of the 3 Challenges and the Individual Project will involve the evidence produced by learners being measured against the learning outcomes and performance band statements found in the Specification.

Centres must ensure the authenticity of evidence produced for summative assessment. Learners must sign a declaration to confirm that all evidence submitted is their own work produced without any assistance beyond that allowed. Assessors must sign a declaration to confirm that the work submitted for a learner is his/her own work and that no unfair practices have occurred.

Controlled Assessment

Controlled assessment is a form of internal assessment with controls set for task setting, task taking and task marking. Controlled assessment will be used for each of the 3 Challenges. There is no specified date when the controlled assessment has to be taken. The Centre can decide when it is taken and it

allows different classes to take the assessment at different times. High, medium or low levels of control are set for different tasks within each Challenge for time, resources, supervision and feedback. The controls for each Challenge can be found in the summary table in the Challenge Brief, which are available on WJEC secure website.

Centres must ensure that the Challenges are completed under the controlled conditions specified in the Challenge Briefs. Teachers can provide guidance on the requirements of the Challenge and the tasks involved and remind learners of the performance bands and how they can be interpreted. Teachers are not allowed to help learners during the controlled assessment. A time log of the controlled assessment must be completed for each Challenge and each teaching group.

Collaboration

At least one Challenge must be carried out in a **team** and one as an individual. At this level the **Enterprise and Employability Challenge** should be completed as a **team activity** and it is expected that the **Community Challenge** is also likely to be completed as a **team**.

When team work (a **team** is defined as **having 3-6 members**) takes place, the following principles must be considered:

- Each member of the team should have full access to all performance bands for all learning outcomes;
- Learners must provide an individual response as part of any task outcome;
- Evidence must be clearly attributable to each individual member of the group;
- Assessment of the individual must be based on the individual contribution to the evidence

5. ESSENTIAL AND EMPLOYABILITY SKILLS

5.1 Introduction to Skills

Central to the Welsh Baccaulaureate is a focus on enabling learners to develop and demonstrate an understanding of and proficiency in the seven essential and employability skills. These are the skills that employers and next-stage educators value and which learners need for learning, work and life.

The Essential Skills Suite consists of the following:

- Literacy
- Numeracy
- Digital Literacy
- Critical Thinking and Problem Solving
- Planning and Organisation
- Creativity and Innovation
- Personal Effectiveness

Your Welsh Baccaulaureate teaching and learning programme should:

- Enable learners to consolidate and formalise learning of skills;
- Provide a theoretical underpinning of knowledge and techniques related to skills;
- Encourage reflection, analysis and articulation of the learner's own proficiency in the skills;
- Engage learners in exploring, developing, practicing and applying the skills;
- Increase confidence and effectiveness in the use and application of the skills in a range of meaningful and 'real-life' contexts and purposes.

In order for learners to be introduced to and explore the seven essential and employability skills, an appropriate induction programme should be in place. Induction could include a mini-challenge(s) that allow learners to work as a team and be introduced to the skills.

Examples of mini induction challenges;

- To solve a problem in the local area, such as how to reduce litter or graffiti in a certain part of the community
- To design a new theme park for local area
- To design a new logo and slogan for an event
- To produce a Social Media Guide for Year 7 students on how to use the internet and social media safely
- To create a healthy fast food meal for school canteen

The key is that learners are allowed to explore the problem and decide on solutions. The teams' findings could then be presented in a number of different formats, such as a presentation, assembly, wall display, news article etc.

5.2 Planning the development of Skills

The teaching and learning programme should cover the appropriate level of content for each skill shown in the following table:

LITERACY

- Understand and be able to write compound sentences including accurate spelling, basic grammar and punctuation
- Use referencing techniques
- Be able to collate and summarise information
- Be able to evaluate the reliability of information
- Use appropriate writing styles for different audiences

NUMERACY

- Collect numerical data and information from a range of sources
- Carry out calculations on statistical and financial data and information
- Present numerical data and information using charts, graphs, tables and diagrams
- Interpret numerical data, information and results of findings

DIGITAL LITERACY

- Understand and respond appropriately to risks and problems in order to communicate safely in a digital world
- Use social media safely and effectively
- Understand and manage own digital footprint
- Use, manipulate or create data and information and present it digitally for different audiences
- Be able to find, organise, store, manage, share and protect digital information
- Evaluate the reliability of sources of information
- Use digital techniques and methods for a range of activities including: collaboration, team working, creativity, problem solving and learning

CRITICAL THINKING AND PROBLEM SOLVING

- Understand and apply decision-making and problem-solving approaches and techniques
- Identify and analyse problems or issues
- Identify potential solutions or responses and reasons for different views
- Be able to justify decisions
- Identify and develop arguments
- Critically assess the strength of options and arguments, take into account opposing views or alternative ideas, validity and reliability
- Demonstrate resilience and perseverance
- Reflect on approaches and techniques for critical thinking, decision making and problem solving and own proficiency in them

CREATIVITY AND INNOVATION

- Understand how to and be able to generate ideas and identify and make the most of opportunities
- Demonstrate original thinking and an ability to identify and challenge assumptions
- Be able to combine or develop ideas
- Assess and evaluate ideas, choosing and implementing options
- Demonstrate imagination and initiative
- Reflect on the process and identify how it could be improved

PLANNING AND ORGANISATION

- Understand the importance of clear aims and objectives
- Be able to develop and agree aims and objectives and set targets or milestones
- Demonstrate responsibility and reliability
- Be able to produce a plan, identify and manage resources, timescales, activities and allocate responsibilities
- Select, organise and evaluate information relevant to the objective or plan
- Implement the plan
- Monitor and evaluate the plan, modifying it as needed and adapting to change
- Identify and respond to risks
- Reflect on and evaluate the planning process and its outcomes

PERSONAL EFFECTIVENESS

- Understand, manage and improve own behaviour and performance
- Demonstrate initiative and independence
- Evaluate own personal effectiveness
- Manage time effectively
- Be able to respond appropriately to conflict
- Understand roles and teams
- Work effectively within a team
- Respect and respond to the values and opinions of others, presenting own views effectively

The Challenges: How skills are developed and assessed

Time	Content
<p>Teaching and learning 10 hours</p>	<p>Planning and Organisation Skill</p> <ul style="list-style-type: none"> • Identifying aims and objectives, identifying and allocating resources • Setting targets, activities and timescales • Identifying risks (health and safety, absence of team members) • Identifying and allocating responsibilities • Monitoring progress, lessons learned from planning process <p>Personal Effectiveness Skill</p> <ul style="list-style-type: none"> • Assessing own strengths and weaknesses in respect to a specific role • Planning the development of own skills in response to audit • Identifying own role and responsibilities • Deploying roles to team members • Personal organisation and self-management skills including time management, personal skills and setting of priorities and goals • Team working skills; positive working relationships, cooperation, compromise, encouragement and respect of others • Lessons learned from collaboration <p>Participation in a Community Challenge</p> <ul style="list-style-type: none"> • Identifying the purpose for carrying out the activity • Identifying how the community will benefit from the completion of the activity • Recording participation for Personal Digital Record (PDR), photos, session plans, etc.
<p>Controlled Assessment 15 hours</p>	<p>Task 1 - Skills Audit Task 2 - Plan Task 3 - Participation Record and Confirmation Statement Task 4 - Personal Reflection</p>

During the Teaching and Learning programme, the following must be observed:

- Learners **must not** be given knowledge of the assessment Challenge Brief they will complete

The Challenge Brief should be combined with the pages of Tasks and Controls which can be found on WJEC secure website.

A copy of the full Challenge assessment should be provided for each learner. The controlled assessment must be carried out following procedures in the Centre Code of Practice and the Administrative Handbook. Once a task from the Challenge has begun, no lessons or guidance can be provided other than that stipulated in the Challenge Brief controls. When organising the assessment of this Challenge it is possible for Task 1 and Task 2 to be completed and then have a gap of a few weeks/months for learners to prepare before they complete the activity in Task 3 and then Task 4.

When learners carry out the Controlled Assessment, they will need to produce electronic evidence in the form of a **Personal Digital Record**. This will include a **Skills Audit**, a **Plan** of the activity to be undertaken, a **Participation Record**, a **Confirmation Statement** and a **Personal Reflection**.

Evidence for Task 1

Personal Skills Audit and Development Plan

The purpose of a personal skills audit is to help individual learner to identify, plan, develop and improve the personal skills needed to carry out the Community Challenge successfully.

The Personal Skills Audit and Development Plan must include evidence of the:

- Identification of current personal and team-working skills relevant to the Challenge
- Identification of any additional personal and team-working skills likely to be needed
- Plan for developing and improving relevant skills

Evidence for Task 2

Plan

The plan must include evidence of:

- The purpose and benefit of the community activity;
- Aims and objectives;
- Targets and timescales;
- Resources;
- Individual and/or team responsibilities;
- Opportunities and risks.

Evidence for Task 3

Participation Record

The Participation Record will document the implementation of the plan.

Confirmation Statement The Confirmation Statement must provide testimony and validation of the learner's 10 hours of active and purposeful participation.

Evidence for Task 4

Personal Reflection

In the Personal Reflection the learner should focus on the planning process, developing and applying personal and/or team work skills and their own performance in carrying out the community activity, drawing on any feedback received.

6.5 Assessment Guidance

The following table shows how the teaching content is linked to the Learning Outcomes and the evidence required.

LO1 Be able to apply Planning and Organisation (<i>The Community activity</i>)	
<p><i>Plan a community activity</i></p> <ul style="list-style-type: none"> Identifying aims and objectives for Community activity Identifying and allocating available resources to activities e.g. people and materials Setting targets, activities and timescales Identifying risks e.g. health and safety, absence of team members Identifying and allocating responsibilities if working in a team 	Task 2 - Plan
<p><i>Implementing plan to carry out activity</i></p> <ul style="list-style-type: none"> Carrying out the plan Monitoring progress and updating plan accordingly 	Task 3 – Participation Record and Confirmation Statement
<p><i>Reflection of process</i></p> <ul style="list-style-type: none"> Lessons learned from the planning process 	Task 4 – Personal Reflection
LO2 Understand Personal Effectiveness (<i>The whole Challenge</i>)	
<p><i>Audit</i></p> <ul style="list-style-type: none"> Assessing strengths and weaknesses of personal and team work skills relevant to the Challenge Planning the development of personal and team work skills, and the improvement of required knowledge necessary to carry out the Challenge 	Task 1 – Personal Skills Audit including development plan
<p><i>Performance of own role and responsibilities</i></p> <ul style="list-style-type: none"> Identifying own role and responsibilities Deploying roles and responsibilities to team members utilising individuals strengths (<i>if in team</i>) Demonstrating personal organisation and self-management skills including time management, personal skills and setting of priorities and goals to carry out role and responsibilities Demonstrating team working skills including positive working relationships, cooperation, compromise, encouragement and respect of others views 	Task 3 – Participation Record and Confirmation Statement
<p><i>Reflection on development and application of personal and team work skills</i></p> <ul style="list-style-type: none"> Lessons learned from collaborating with others Assessment of personal and team work skills 	Task 4 – Personal Reflection
LO3 Be able to participate in a Community Challenge	
<p><i>Consideration of purpose and benefits of activity</i></p> <ul style="list-style-type: none"> Identifying the purpose for carrying out the activity Identifying how the community will benefit from the completion of the activity 	Task 2 - Plan
<p><i>Participation in activity</i></p> <ul style="list-style-type: none"> Recording of participation in community activity e.g. photos, session plans Carrying out the activity with commitment e.g. Confirmation Statement, feedback 	Task 3 – Participation Record and Confirmation Statement
<p><i>Personal Digital Record</i></p> <ul style="list-style-type: none"> Demonstrating Digital Literacy skills to develop PDR in a creative manner Assess the impact of the activity in addressing its purpose 	Task 4 – Personal Reflection

7. ENTERPRISE AND EMPLOYABILITY CHALLENGE

7.1 Introduction

The purpose of the Enterprise and Employability Challenge is to develop learners' skills, whilst providing opportunities for learners to develop enterprising skills and attributes and enhance employability. During the Enterprise and Employability Challenge learners will explicitly develop skills in **Digital Literacy, Creativity and Innovation** and **Personal Effectiveness** and apply them in an appropriate manner.

The Enterprise and Employability Challenge at Key Stage 4 **must** be carried out as a team Challenge. A team has between 3 – 6 learners, and could offer an opportunity for teams of mixed ability groups. When preparing the learners it is vital that they experience a number of opportunities of working in a team.

Time	Content
<p>Teaching and learning 10 hours</p>	<p>Creativity and Innovation skill</p> <ul style="list-style-type: none"> • Generating multiple ideas for new concept • In collaboration assessing and comparing strengths and weaknesses of multiple ideas • Collaborating to determine the selection of one idea to take forward • Developing new concept through combination of team members imagination, initiative and active engagement • Reviewing creativity and innovation of new concept • Lessons learned during the process <p>Personal Effectiveness skill</p> <ul style="list-style-type: none"> • Assessing strengths and weaknesses of personal and team work skills relevant to the Challenge • Planning the development of personal and team work skills identified as necessary to carry out the Challenge • Deploying roles and responsibilities to team members utilising individuals strengths • Personal organisation and self-management skills including time management, personal skills and setting of priorities and goals to carry out role and responsibilities • Team working skills including positive working relationships, cooperation, compromise, encouragement and respect of others views • Lessons learned from collaborating with others to develop a new concept <p>Participation in an Enterprise and Employability Challenge</p> <ul style="list-style-type: none"> • Understanding factors involved in developing a business proposal • Applying principals of the 5Ps – product, price, place, promotion and people • Organising multiple visual components of business proposal e.g. mood board, marketing materials, prototype. Quality of visual components • Organising team delivery of pitch
<p>Controlled Assessment 20 hours</p>	<p>Task 1 - Skills Audit, Development Plan and team role application Task 2 - Visual Display and minutes of team meetings Task 3 - Personal Record and Confirmation Statement Task 4 - Personal Reflection</p>

During the Teaching and Learning programme, the following must be observed:

- Learners must not be given knowledge of their assessment Challenge whilst the teaching of skills is still underway.

The Challenge Brief should be combined with the pages of Tasks and Controls which can be found on WJEC secure website.

A copy of the full Challenge assessment should be provided for each learner. The controlled assessment must be carried out following procedures in the Centre Code of Practice and the Administrative Handbook. Once a task from the Challenge has begun, no lessons or guidance can be provided other than that stipulated in the Challenge Brief controls. Once a Task from the Challenge has begun, no lessons or guidance can be provided other than that stipulated in the Challenge Brief controls. When learners carry out the Controlled Assessment, they will need to produce the following evidence.

Evidence for Task 1

Personal Skills Audit

The purpose of a personal skills audit is to help each learner to identify, plan, develop and improve the personal skills needed to carry out the Enterprise and Employability Challenge successfully.

The Personal Skills Audit must include evidence of the:

- Identification of current personal and team-working skills relevant to the Challenge;
- Identification of any additional personal and team-working skills likely to be needed;
- Plan for developing and improving relevant skills Application for a role in a team.

Evidence for Task 2

Visual Display

The Visual Display of the business proposal could include evidence of the:

- aims, objectives and details of the product or service;
- potential customers/clients;
- premises, equipment and resources;
- financial implications including staffing costs, etc.;
- marketing and promotional materials for the product or service.

Minutes of team meetings

These should be sufficiently detailed to demonstrate:

- individual roles and the management of their responsibilities;
- Team collaboration and task management.

Evidence of Task 3

Confirmation Statement

The Confirmation Statement of the Pitch must record the standard of presentational skills demonstrated. Learners must include any supporting evidence e.g. PowerPoint, speaking notes.

Evidence for Task 4

Personal Reflection

In the Personal Reflection the learner should focus on their own performance in developing and applying personal and teamwork skills and the processes involved in developing a product or service; on any feedback received.

LO1 Be able to apply Creativity and Innovation		
<i>Ideas generated</i>	<ul style="list-style-type: none"> Generating multiple ideas for new concept In collaboration assessing and comparing strengths and weaknesses of multiple ideas 	Task 2 – Visual Display - Aims, objectives, details of concept, SWOT analysis, market research Task 3 – Pitch, supporting aids
<i>Selection, development and implementation of idea</i>	<ul style="list-style-type: none"> Collaborating to determine the selection of one idea to take forward Developing new concept through combination of team members imagination, initiative and active engagement 	
<i>Reflection of process</i>	<ul style="list-style-type: none"> Reviewing creativity and innovation of new concept Lessons learned during the process 	Task 4 – Personal Reflection of the process in developing the concept
LO2 Understand Personal Effectiveness		
<i>Audit</i>	<ul style="list-style-type: none"> Assessing strengths and weaknesses of personal and team work skills relevant to the Challenge Planning the development of personal and team work skills identified as necessary to carry out the Challenge 	Task 1 – Skills Audit and development plan
<i>Performance of own role and responsibilities</i>	<ul style="list-style-type: none"> Deploying roles and responsibilities to team members utilising individuals strengths Demonstrating personal organisation and self-management skills including time management, personal skills and setting of priorities and goals to carry out role and responsibilities Demonstrating team working skills including positive working relationships, cooperation, compromise, encouragement and respect of others views 	Task 1 – Skills Audit, Supporting Application Task 2 – Minutes of Meetings
<i>Reflection on development and application of personal and team work skills</i>	<ul style="list-style-type: none"> Lessons learned from collaborating with others to develop a new concept Assessing personal and team work skills Assessing how personal employability has been developed 	Task 4 – Personal Reflection on skills developed and application of skills
LO3 Understand factors involve in an Enterprise and Employability Challenge		
<i>Understanding factors involved in developing a business proposal</i>	<ul style="list-style-type: none"> Applying principals of the 5Ps – product, price, place, promotion and people 	Task 2 – Visual Display, Minutes of Meetings
<i>Visual Display</i>	<ul style="list-style-type: none"> Organising multiple visual components of business proposal e.g. mood board, marketing materials, prototype Quality of visual components 	
<i>Pitch</i>	<ul style="list-style-type: none"> Organising team delivery of pitch Applying communication skills both individually and as a team 	Task 3 – Pitch Confirmation, supporting aids

8. GLOBAL CITIZENSHIP CHALLENGE

8.1 Introduction

The purpose of the Global Citizenship Challenge is to develop learners' skills, whilst providing opportunities to understand and respond appropriately to global issues. During the Global Citizenship Challenge learners will explicitly develop skills of **Critical Thinking and Problem Solving** and **Creativity and Innovation** and apply them in an appropriate manner.

Global Issue	Examples of Topics	Global Issue	Examples of Topics
1. Cultural diversity	<ul style="list-style-type: none">• Minority languages• Multicultural society• Festivals, celebrations and public holidays	5. Living sustainably	<ul style="list-style-type: none">• Recycling• Sustainable transport• Sustainable food production
2. Fair Trade	<ul style="list-style-type: none">• Environmental products• Ethical products	6. Natural and human disasters	<ul style="list-style-type: none">• Famine relief• Natural disaster relief• Human disaster relief
3. Future energy	<ul style="list-style-type: none">• Wind energy• Tidal energy• Nuclear energy	7. Nutrition	<ul style="list-style-type: none">▪ Obesity▪ Famine▪ Healthy eating
4. Inequality	<ul style="list-style-type: none">• Gender• Rights to education• Ageism	8. Poverty	<ul style="list-style-type: none">▪ Child poverty▪ Homelessness▪ Water poverty

Time	Content
<p>Teaching and learning 15 hours</p>	<p>Critical Thinking and Problem Solving skill</p> <ul style="list-style-type: none"> • Identification, consideration and use of a variety of facts, opinions and viewpoints • Expression of own views with consideration of those of others • Identification of key information and factors - causes, changes, consequences, similarities and differences, PESTLE • Identification, development and analysis of arguments and evaluation and credibility of sources • Formulation of judgements and drawing of conclusions • Use of problem solving and decision making techniques • Identification of problems and exploration of possible decisions and solutions • Identification, analysis and use of information and data to solve problems • Reflection on problem solving and decision making processes and implementation <p>Creativity and Innovation skill</p> <ul style="list-style-type: none"> • Generation and ownership of new ideas, whilst respecting others views • Assessment and evaluation of ideas - use a SWOT analysis to select the most feasible • Use of imagination and initiative • Consideration of options - making the most of opportunities • Combination and development of ideas • Identification, selection, application and implementation of solutions • Reflection on processes and outcomes <p>Participation in a Global Challenge</p> <ul style="list-style-type: none"> • Identify, consider and form a personal opinion on a global issue • Use relevant PESTLE factors to inform a written standpoint • Develop ideas and evaluate methods of raising awareness
<p>Controlled Assessment 10 hours</p>	<p>Task 1 - Personal Standpoint Task 2 - Raising Awareness Pack Task 3 - Personal Reflection</p>

During the Teaching and Learning programme learners must not be given knowledge of their assessment Challenge Brief.

A copy of the full Challenge assessment should be provided for each learner. Learners must also be provided with a **Resource Pack** which is produced either by the teacher or an organisation for approved Challenge Briefs.

Resource Pack

The following guidelines should be considered when selecting material for the resource pack:

- There must be **4 sources** in total.
- Sources must include: written, numerical data and an image.
- Sources must cover a range of viewpoints on the topic.
- All sources should have a Global focus. One source should include a UK / Wales perspective.
- Sources must allow learners the opportunity to use relevant PESTLE factors.
- Sources must be appropriate for the learners who will use it. It is recommended that a number of resource packs are produced for a topic in order to provide differentiated material.
- Sources should include government documents, voluntary organisations, newspapers, journals, blogs, social media, newsletters, etc.
- The time allocated to Task 1 must be considered when selecting a document; it should not be too large.

The controlled assessment must be carried out following procedures in the Centre Code of Practice and the Administrative Handbook. Once a task from the Challenge has begun, no lessons or guidance can be provided other than that stipulated in the Challenge Brief controls.

When learners carry out the Controlled Assessment, they will need to produce evidence of a **Personal Standpoint**, a **Raising Awareness Pack** and a **Personal Reflection**.

Evidence for Task 1

Personal Standpoint

The purpose of the Personal Standpoint is for the learner to demonstrate that they are able to identify, consider and form a personal opinion on a global issue. The Personal Standpoint could include evidence of:

- Identification, consideration and use of a variety of facts, opinions and viewpoints identified from the resource pack
- Reference to relevant PESTLE factors from the resource pack and possibly their own knowledge
- Identification, development and analysis of arguments and evaluation and credibility of the sources in the resource pack
- Summary and justification of personal standpoint

Evidence for Task 2

Raising Awareness Pack

The Raising Awareness Pack could include evidence of:

- Identification of problems and exploration of possible decisions and solutions
- Generation of ideas and consideration of options using an appropriate evaluation tool

- Use of imagination and initiative methods to raise awareness
- Completion of the Raising Awareness Pack

Evidence for Task 3

Personal Reflection

In the Personal Reflection the learner should focus on their own performance in developing and applying their skills and the processes involved in forming an opinion, raising awareness and drawing on any feedback received. The Personal Reflection could include evidence of:

- Reflection on problem solving and decision making processes and how they were implemented
- Reflection on processes and outcomes of the tasks.

How to manage Task 1 of Controlled Assessment

It is suggested that the 5 hours allocated for Task 1 in the Controlled Assessment could be managed in the following manner.

Hour	Actions of teacher and learner
1	Teacher distributes Challenge Brief and Resource Pack to learners. Learners use Resource Pack to identify factual information, credibility of sources and PESTLE factors.
	Between the first two hours learners can research the topic and select at most two extra sources relevant to the global issue. They can take clean copies of these sources into the controlled assessment but no notes .
2	Teacher to pose a question for the class discussion. Learners revisit their Resource Pack and together with clean copies of their own sources, produce preparatory notes in readiness for contributing to a purposeful class discussion.
3	Teacher oversees a class discussion. Learners should respond to a range of views and opinions of their peers and make notes.
4	Learners use all the sources and their notes compiled during the Controlled Assessment to draft Personal Standpoint
5	Learners finalise word processed Personal Standpoint

Class Discussion

The following guidelines should be considered in order for learners to be fully equipped to participate in a class discussion:

- The class discussion should be based on a focused question relevant to the global topic. This should encourage learners to develop their problem solving skill in discussing solutions to the question from different viewpoints.
- The question should focus on the global issue in a local or national context. This will allow learners the opportunity to link the global issue to their local area or country.

8.5 Assessment Guidance

LO1 Be able to apply Critical Thinking and Problem Solving	
<p><i>Consideration of views, opinions, arguments and sources</i></p> <ul style="list-style-type: none"> • Understanding and consideration of a variety of facts and opinions • Credibility and evaluation of sources • Demonstration of effective problem solving techniques whilst evaluating information 	Task 1 – Personal Standpoint
<p><i>Selection, development and implementation of information</i></p> <ul style="list-style-type: none"> • Collaborating information to justify the personal standpoint • Develop a personal opinion demonstrating effective comprehension, analysis and evaluation of information provided 	
<p><i>Reflection of process</i></p> <ul style="list-style-type: none"> • Review ability to apply Critical Thinking and Problem Solving methods to the task • Lessons learned during the process 	Task 3 – Personal Reflection on the process in forming a Personal Standpoint
LO2 Be able to apply Creativity and Innovation	
<p><i>Ideas generated</i></p> <ul style="list-style-type: none"> • Generating multiple ideas for raising awareness • Assessing and comparing strengths and weaknesses of multiple ideas 	Task 2 – Raising Awareness Pack could include aims, objectives, details of concept, SWOT analysis, market research, generation of idea
<p><i>Selection, development and implementation of idea</i></p> <ul style="list-style-type: none"> • Determine the selection of one idea to take forward • Raising awareness through a combination of imagination, initiative and active engagement 	
<p><i>Reflection of process</i></p> <ul style="list-style-type: none"> • Reviewing creativity and innovation of raising awareness of a global issue • Lessons learned during the process 	Task 3 – Personal Reflection of the process in developing the concept
LO3 Understand issues involved in a Global Citizenship Challenge	
<p><i>Understanding of a global issue</i></p> <ul style="list-style-type: none"> • Understanding the concept of global citizenship and issues involved within it • Discussions and debates - framing and responding to questions 	Task 1 – Personal Standpoint Task 2 – Raising Awareness Pack
<p><i>Coverage of PESTLE</i></p> <ul style="list-style-type: none"> • Understanding relevant PESTLE factors • Applying knowledge and understanding of relevant PESTLE factors 	
<p><i>Production and presentation of Raising Awareness Pack</i></p> <ul style="list-style-type: none"> • Methods for raising awareness • Organising delivery • Applying appropriate communication skills 	Task 2 – Raising Awareness Pack

9. INDIVIDUAL PROJECT

9.1 Introduction

The purpose of the Individual Project is to develop learners' skills, through carrying out a research activity in an area of personal interest or one that reflects future educational or career aspirations. During the Individual Project learners will explicitly develop skills in **Digital Literacy, Planning and Organisation and Critical Thinking and Problem Solving** and apply them in an appropriate manner.

Suggested Learning Activities

Suggested Learning Activities in preparation for the Individual Project are detailed in the specification. A typical teaching and learning programme might be structured as follows:

Time	Content
Teaching and learning (20 hours)	<p>Planning and Organisation skill</p> <ul style="list-style-type: none">• Development of aims and objectives• Production of action plans• Identification, selection and collation of information and numerical data from a variety of sources <p>Critical Thinking and Problem Solving skill</p> <ul style="list-style-type: none">• Identification, consideration and use a variety of facts, opinions and viewpoints• Identification, development and analysis of arguments• Critical assessment and construction of arguments• Expression of own views and consideration of those of others• Identification of information, resources and materials to solve a problem• Identification of key information and factors including causes, changes, consequences, similarities and differences• Formulating judgements, summarising and presenting findings <p>Digital Literacy skill</p> <ul style="list-style-type: none">• Using digital techniques to present tables, graphs and diagrams• Assessment of the credibility of information and sources• Store data in appropriate format <p>Literacy skill</p> <ul style="list-style-type: none">• Writing compound sentences including accurate spelling, basic grammar and punctuation• Creation of a rationale

	<ul style="list-style-type: none"> • Methods of referencing source material • Collation and synthesis of information and numerical data <p>Numeracy skill</p> <ul style="list-style-type: none"> • Sources of information • Methods for collecting own information and numerical data • Methods for analysing numerical data • Methods to display information and numerical data <p>In the context of the Project:</p> <ul style="list-style-type: none"> • Develop skills and techniques relevant to the context of Individual Project • Methods of presentation of outcome • Reflection on personal performance
Assessment (20 hours)	<ul style="list-style-type: none"> • The production of a written project of 1,000 – 2,000 words in length, with or without a product/artefact. • Written work should be word processed and include a variety of graphs, images, statistical tables, diagrams and drawings.

Content
<p>Planning and Organisation skill</p> <ul style="list-style-type: none"> • Development of aims and objectives • Production of action plans • Identification, selection and collation of information and numerical data from a variety of sources <p>Critical Thinking and Problem Solving skill</p> <ul style="list-style-type: none"> • Identification, consideration and use a variety of facts, opinions and viewpoints • Identification, development and analysis of arguments • Critical assessment and construction of arguments • Expression of own views and consideration of those of others • Identification of information, resources and materials to solve a problem • Identification of key information and factors including causes, changes, consequences, similarities and differences • Formulating judgements, summarising and presenting findings <p>Digital Literacy skill</p> <ul style="list-style-type: none"> • Using digital techniques to present tables, graphs and diagrams • Assessment of the credibility of information and sources • Store data in appropriate format <p>Literacy skill</p> <ul style="list-style-type: none"> • Writing compound sentences including accurate spelling, basic grammar and punctuation • Creation of a rationale • Methods of referencing source material • Collation and synthesis of information and numerical data

Numeracy skill

- Sources of information
- Methods for collecting own information and numerical data
- Methods for analysing numerical data
- Methods to display information and numerical data

In the context of the Project:

- Develop skills and techniques relevant to the context of Individual Project
- Methods of presentation of outcome
- Reflection on personal performance

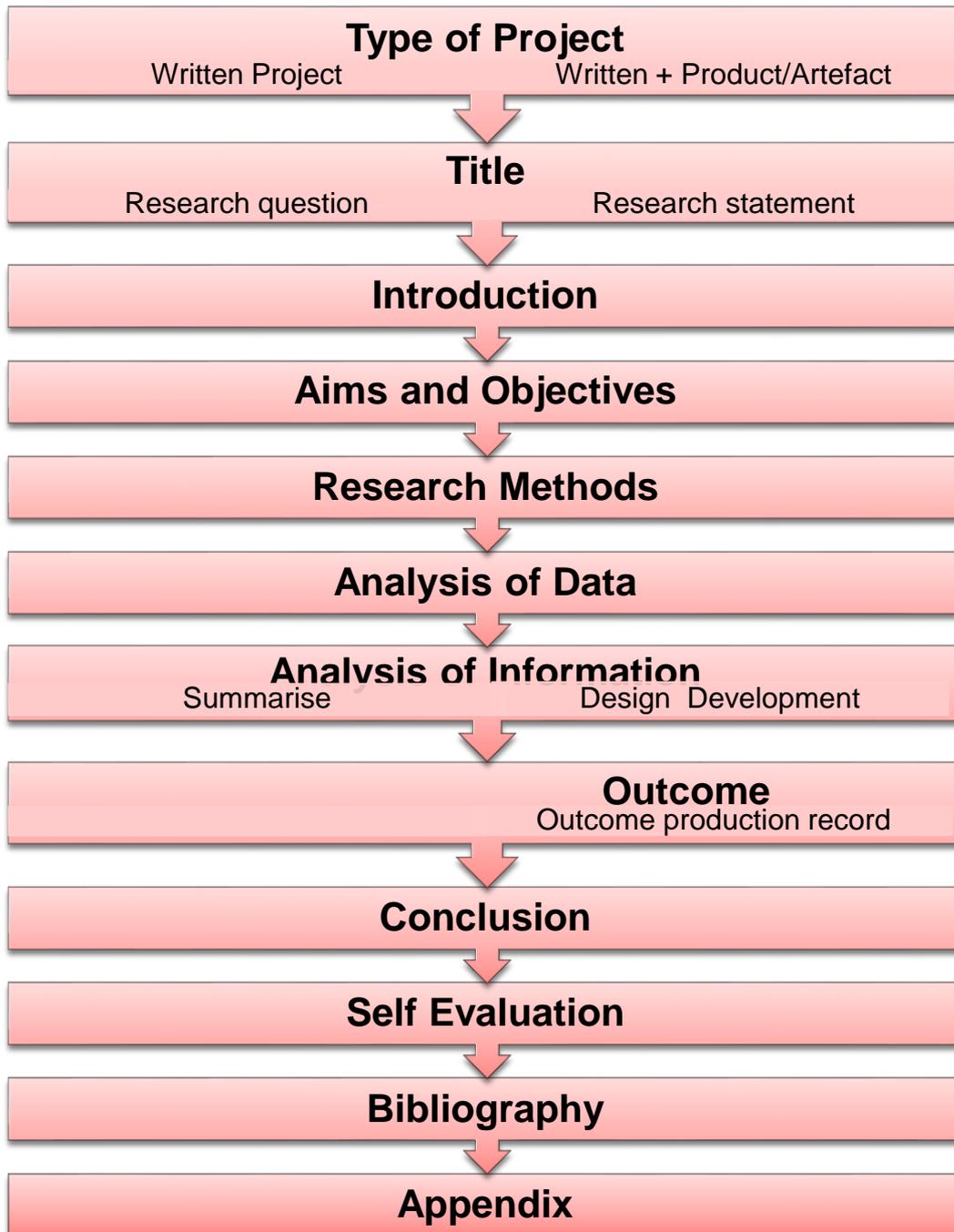
9.4 Preparing for Assessment

Selecting the Project topic

There is a wide range of topics that learners can choose as their focus for the Individual Project. They should be encouraged to explore an area of **personal interest** or one that reflects **future educational** or **career** aspirations. Teachers should ensure that topics undertaken by the learners will allow them to demonstrate the use of all of the necessary skills for assessment purposes. It is acceptable to provide learners with Project Proposals but teachers must ensure learners are able to make their own decisions and pursue their own independent research.

Structuring the Individual Project

A clear structure to the Individual Project is essential for its success. It ensures that there is evidence for all the required learning outcomes that contribute to the assessment. Clearly labelled sections should be evident. A learner could structure their Individual Project as follows:



9.5 Guidance for Assessment

Title

The title should lead to an Individual Project having clear intent, being manageable and focused.

- a) For a level 1 learner, this could be a focused statement or question, for example
- 1) **Reduce, reuse, and recycle - how effective is recycling in my local area?**
 - b) This is a research question for a written project
 - 2) **Design and create a wall hanging illustrating Welsh Culture.**
 - c) This is a research statement for written research and production of an artefact

Level 2 learners could be more creative in how they title their project. The introduction, aims and objectives would address the clear intent and focus of the project, for example:

- 1) **Energy or Green energy?**

This would be a project which researches the pros and cons of future energy in Wales - should we be considering non-renewable energy (nuclear) or sustainable energy (tidal).
- 2) **Is being social making us more antisocial?**
 - d) This could be a project on the use of social media for cyber-bullying, comparing the problems faced in Wales and another region. Alternatively, it could be a project on how teenager's social skills are being affected as a result of the age of social media.

Introduction

The learner's introduction for their project should set the context and purpose of their work. There should be a personal explanation as to why they have chosen their title; that it is an area of interest following previous learning, a topic related to future ambition, or could be very relevant to today's society. They should put the project title into context, with an overview to the topic they will be researching and any conclusions they expect to make.

Aims and Objectives

The **primary focus** of the Project should be expressed in terms of aims and objectives.

- Aims are the strategy, objectives are the tactics;
- Aims and objectives should both consist of two essential parts;
 - e) an **action verb** and a **subject content**;
- Generally 3 aims are expected with 2 or 3 objectives for each;
- Numbering the aims and objectives is helpful as they can be referred to later in the project.

f)

Aims are general statements describing **what** the learner hopes to accomplish. They should be written in broad terms of the knowledge and understanding that is needed in order to answer the research question or to full fill the research statement.

Objectives are specific statements that are about **actions** which explain the outcomes of the steps of **how** the learner is going to go about the project. They are a list of tasks which should be **practical, measurable and achievable**. The objectives define the structure of the project.

Suitable **action verbs** that learners should use when writing aims and objectives are provided in the following tables. They state the information directly and concisely.

Knowledge

To analyse	To calculate	To classify	To compare	To contrast
To define	To describe	To differentiate	To discover	To explain
To explore	To identify	To interpret	To outline	To plan
To record	To review	To select	To solve	To state
To evaluate				

Skills

To assemble	To build	To chart	To collect	To construct
To design	To devise	To draw	To establish	To generate
To illustrate	To locate	To maintain	To make	To produce
To organise	To set up	To use		

Attitudes

To assess	To choose	To develop	To evaluate	To formulate
To judge	To justify	To manage	To model	To recommend
To select	To specify			

Learners should **not use** the following weak verbs, they are not action verbs: appreciate, consider, enquire, learn, know, understand, be aware of, listen, perceive

Research Methods

The following should be considered when writing the research methods:

- Use a descriptive writing approach;
- Describe what methods are to be used to collect all the information and numerical data required for each objective;
- Explain why the methods are appropriate by considering the credibility of the sources;
- Do not include questionnaires, interview transcripts etc. - these go in the appendix.

The following aspects related to primary information should be considered:

- Participants - who will be included in the research: gender, age groups? What is the sample size and how is it selected?
- Data collection - how will information be collected: survey, interview, observation, photos?
- Data analysis and discussion - what will be done with the information and numerical data?

Analysing Data

The analysis of quantitative data (numbers) involves examining the data collected in ways that reveal patterns, trends, relationships, etc. that can be found within it. Whilst analysing data learners should make use of suitable statistical methods such as:

- Collate data using tallying, grouping etc.;
- Display data using tables, charts, diagrams, graphs;
- Compare frequency or percentage of people, behavior, events etc.;
- Use visual inspection of patterns to identify marked increases or decreases in the measures over time e.g. weeks, months, years;
- Calculate an average of a series of measurements or observations - the mean, the median (midpoint), or mode (most frequent, rarely used).
- Calculate the spread of data – range, inter quartile range, standard deviation;
- Determine if there is a link between two measurements – scatter diagram, line of best fit, correlation;
- Use ICT to do the calculations and display data;
- Interpret what the display or calculation of the data implies. Does it answer the question?

Analysing Information

The analysis of qualitative (descriptive) information should be a creative and critical process. Whilst analysing information, the learner should:

- Show how effective and focused research methods have been applied, utilised and have informed the analysis of the information;
- Show detailed knowledge and understanding of the project title, with reference to information collected from primary and secondary sources;
- Recognise the importance of accuracy, relevance and reliability of information to the analysis process;
- Aim to summarise all relevant information that has been collected; recognising similar and different viewpoints.

Presentation

For a project with or without an artefact the learner should show an efficient and effective use of a range of appropriate Digital Literacy skills and techniques in producing and presenting the written outcome of their project. Learners should incorporate tables, charts, diagrams, graphs and images.

Product/artefact outcome

A learner who produces an artefact as part of their project should keep a **Development Record** of how the artefact has been designed and produced. The analysis of data and information should be contained in the Development Record as it must inform the design of the artefact. A copy of the final design should be included with some explanation of why the design has been chosen (critical thinking and problem solving skill). The learner must capture how they have produced the artefact and include evidence of any practical skills they have developed in preparation for the production of the artefact. Good practice would be to include a narrated video of the final outcome rather than one photo. The Development Record can be presented in any visual form e.g. a scrapbook, Prezi etc.

The Development Record could also include the following evidence:

- A detailed action plan for the development of the artefact;
- Pictures or videos of every stage of artefact development;
- Visual, audio or written diary documenting the development of the artefact;
- Explanation, critical analysis and evaluation of each stage of production;
- Feedback from tutors or peers during artefact production, with reflection and amended action points as a result.

Conclusion

The conclusion must be based on the evidence used within the research. Learners should use a reflective approach showing how the stages are connected to give a convincing answer to the research question or statement in the title.

Consider:

- What did the evidence show in relation to the aims?
- Were the aims met, did they go beyond them, or in fact fail to reach the aims?
- Was the research question or research statement answered or completed?
- Was the artefact fit for purpose?

Self-Evaluation

This is the opportunity for learners to consider their own progress and their pitfalls in carrying out an Individual Project by reflecting on their skill set and performance.

Bibliography

The bibliography should include a list of all of the sources used in the process of researching the project. An annotated bibliography also includes a brief description of the content, quality and usefulness of the source.

Appendix

The appendix should include information that supports the project. A **clean copy** of any questionnaire that has been used (not completed questionnaires), the transcript of any interview carried out, record sheet of any observations, any calculation carried out etc. The analysis and interpretation of any information and numerical data must fall in the main body of the project.