

WJEC Level 1/2 Vocational Award in Construction

| | Exam | Topic | Suggested revision strategy (with links) | Suggested outcome from revision time this week (what a parent can expect to see) |
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| Week 1 | WJEC Level 1/2 Vocational Award in Construction and the Built Environment | The Sector | In this topic, learners will gain knowledge and understanding of the following areas in construction and the built environment sector: <ul style="list-style-type: none"> • buildings and structures • infrastructure and civil engineering products • building services engineering • professional and managerial roles and responsibilities associated with the built environment sector | <ul style="list-style-type: none"> • Blended learning. • Teams PowerPoints and knowledge checks. • Exam prep booklets. |
| Week 2 | | The Built Environment Life Cycle | In this section learners will gain knowledge and understanding of the built environment life cycle, specifically: <ul style="list-style-type: none"> • raw material extraction • manufacturing • construction • operation and maintenance • demolition • disposal, reuse or recycling. | <ul style="list-style-type: none"> • Blended learning. • Teams PowerPoints and knowledge checks. • Exam prep booklets. |
| Week 3 | | Types of Building and Structure | In this section learners will gain knowledge and understanding of the features and characteristics of: <ul style="list-style-type: none"> • different forms of infrastructure construction • low-rise: <ul style="list-style-type: none"> • residential dwellings • commercial buildings • industrial buildings • agricultural buildings • community buildings • religious buildings • recreational buildings | <ul style="list-style-type: none"> • Blended learning. • Teams PowerPoints and knowledge checks. • Exam prep booklets. |
| Week 4 | | Technologies and | In this section learners will gain knowledge and | <ul style="list-style-type: none"> • Blended learning. |

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| | | Materials | <p>understanding of tools, technologies and materials used in the construction and built environment sector:</p> <ul style="list-style-type: none"> • main elements and components of low-rise buildings • main materials involved in constructing walls, installing building services, fitting roofs and finishing interiors • renewable technologies and materials, including heat pumps, wind turbines and solar panels. | <ul style="list-style-type: none"> • Teams PowerPoints and knowledge checks. • Exam prep booklets. |
| Week 5 | | Building Structures and Forms | <p>In this section learners will gain knowledge and understanding of the following building structures and forms:</p> <ul style="list-style-type: none"> • cellular constructions • rectangular frame constructions • portal frame constructions • heritage and traditional methods. | <ul style="list-style-type: none"> • Blended learning. • Teams PowerPoints and knowledge checks. • Exam prep booklets. |
| Week 6 | | Sustainable Construction methods | <p>In this section learners will gain knowledge and understanding of issues related to sustainable construction methods:</p> <ul style="list-style-type: none"> • the environmental, financial, cultural and social benefits of sustainable construction methods • pollution and the preservation of the natural environment and natural habitats • sustainable materials used to create building frames, walls, roofs • waste disposal, re-use and recycling • planning permission, brownfield sites and greenfield sites | <ul style="list-style-type: none"> • Blended learning. • Teams PowerPoints and knowledge checks. • Exam prep booklets. |
| Week 7 | | Trades, employments and careers | <p>In this section learners will gain knowledge and understanding of issues related to sustainable construction methods:</p> | <ul style="list-style-type: none"> • Blended learning. • Teams PowerPoints and knowledge checks. • Exam prep booklets. |

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| | | | <ul style="list-style-type: none"> • the environmental, financial, cultural and social benefits of sustainable construction methods • pollution and the preservation of the natural environment and natural habitats • sustainable materials used to create building frames, walls, roofs • waste disposal, re-use and recycling • planning permission, brownfield sites and greenfield sites | |
| Week 8 | | <p>Trades, employments and careers</p> <p>Health and Safety</p> | <p>In this section, learners will gain knowledge and understanding of the following:</p> <ul style="list-style-type: none"> • bricklaying • stonemasonry • plastering • carpentry and joinery • electrical installation • plumbing installation • painting and decorating • flooring and tiling <p>In this section learners will gain knowledge and understanding of health and safety in relation to:</p> <ul style="list-style-type: none"> • risks for employees, employers and the public during construction and the built environment projects • following procedures and carrying out risk assessments • relevant legislation, including Health and Safety at Work Act and Control of Substances Hazardous to Health (COSHH) regulations • using personal protective equipment (PPE) • safely working with gas, water and electricity • working at height and in enclosed spaces. | <ul style="list-style-type: none"> • Blended learning. • Teams PowerPoints and knowledge checks. • Exam prep booklets. |