

Virtual Reality Films – Teacher Guidance

What are they?

The virtual reality (VR) films are designed to support construction education both in and outside the classroom. They offer immersive experiences that help learners explore real-world roles, environments, and challenges in the construction industry.

These films are flexible and suitable for a range of year groups and subjects. They can be viewed using VR headsets for full immersion or accessed via the Build Torbay YouTube channel (<https://www.youtube.com/@BuildTorbay>) for standard viewing.

This guide is designed to help you decide how best to use the films and supporting resources with your learners.

Available Films:

The films cover a wide variety of roles and scenarios:

General Scenes	Professions	Meetings
• Construction Showreel • Site Walkthrough • Finished Passivhaus Unit • Finished Design Project – The Yacht, Torquay	• Carpenter • Plasterer • Groundworker • Scaffolder • Electrician • Plumber • Crane Operator • Interior Designer	• Site Office Meeting • Informal Design Meeting • Client Meeting

Suggested areas for exploration

These films can be used to investigate and discuss:

- **Careers, Roles & Pathways:** Explore the range of jobs in construction and the skills required.
- **Torbay's Regeneration:** Understand how construction is shaping the future of the local area.
- **Skills Shortages:** Discuss national and local challenges in recruiting for construction roles.
- **Government Housing Targets:** Examine how policy influences construction demand.
- **Social & Affordable Housing:** Explore the importance of inclusive housing developments.
- **Green Construction:** Learn about sustainable building practices, including Passivhaus standards.

Teaching Ideas

- **Career Mapping:** Use the films to help students identify roles they're interested in and research pathways.
- **Discussion Prompts:**
 - What skills are needed for this job?
 - What challenges might someone in this role face?
 - How does this role contribute to a construction project?
- **Cross-Curricular Links:**
 - **Geography:** Urban development and regeneration
 - **Science:** Materials and sustainability
 - **Maths:** Measurements, budgeting, and planning
 - **PSHE/Careers:** Pathways, employability, and workplace behaviours

Tips for Using VR in the Classroom

- **Prepare students:** Brief them on what they'll see and how to use the equipment.
- **Accessibility:** Offer alternatives for students who may not be comfortable using VR headsets.
- **Debrief:** Always follow up with discussion or written reflection to reinforce learning.

Supporting Information

Employers that supported filming:

[Classic Builders](#)

Classic Builders are a construction company in the South West. They offer a wide range of construction services, from small works to large multi-million pound projects. Their portfolio includes low or zero carbon works, such as the UK's first certified Passivhaus Plus apartments, and the construction of numerous residential properties. The company is committed to sustainability and has achieved awards for quality, health and safety and environmental management and their innovative projects.

[Gutxi](#)

Gutxi is a Torquay based company that specializes in planning, design-build, and business support services for the hospitality industry. They focus on creating functional and appealing interior spaces for venues such as bars, restaurants, and cafes. They deliver projects for a range of sectors including: Hospitality, Leisure, Education, Care, Commercial and Professional services. Recent projects include: The Yacht, Kents Cavern, Cue Sports Bar and Paignton Library.

Resources that you can use with these films:

- [Go Construct](#) and [Go Construct Careers](#) provides resources for anyone looking for a career in the construction and built environment sector. Including construction career quizzes, how to get into construction and educational resources
- Build Torbay has a series of podcast episodes (also available on the YouTube channel). Covering Torbay's growth and regeneration, and the wide range of careers opportunities in the construction. Routes, pathways and support to get into the construction sector, and hear directly from an apprentice and employer.
- The films are mapped to a [southwest skills report](#) produced by the Construction Industry Training Board (CITB)



- Information on Torbay Council's growth and regeneration plans can be found here: www.torbay.gov.uk/leisure-sports-and-community/regeneration/
- The construction site films show a Passivhaus housing development. Passivhaus buildings are ultra-low energy buildings that require less energy for space heating or cooling, reduces the building's carbon footprint. More information can be found here: <https://www.passivhaustrust.org.uk/>
- Government House Building targets: <https://www.gov.uk/government/news/our-plan-to-build-more-homes> and how [Torbay Council's Hotels to Homes scheme](#), an innovative solution and the first of its kind, here in Torbay. BBC news report: <https://www.bbc.co.uk/news/articles/ckg27w82722o>