

Learning Bridge

AI-supported vocational pathways into construction, retrofit and employment

A practical bridge from interest to site-readiness: combining AI avatars, gamified learning, trusted vocational outcomes and local Pop-Up Colleges.

For discussion with EU, UK/I Ministers, Gov Departments, CITB, DWP, Tier 1 contractors and public-sector - educational partners & providers



THE ISSUE

The skills pathway is not joined up

Learning Bridge connects interest, training and employer demand.

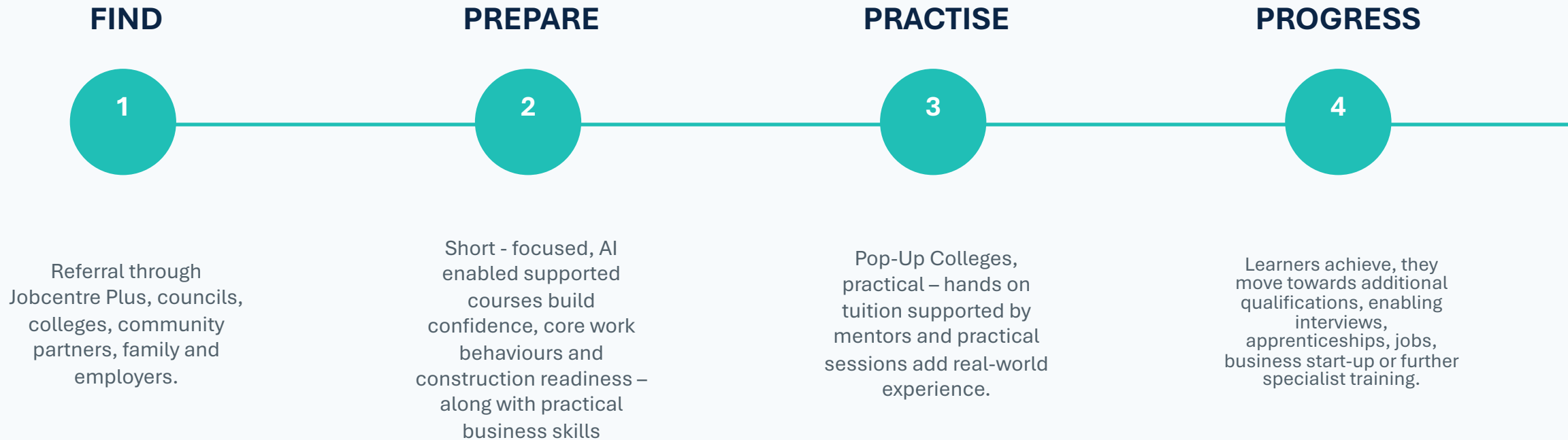
Learners	Need confidence, structure and a credible route into work.
Employers	Need entrants who are more prepared before they reach site.
Government	Needs measurable employment, skills and social value outcomes.
Training system	Needs a stronger link between short courses, qualifications and live demand.

The gap is not awareness. It is readiness.



What Learning Bridge does

A clear, employer-led pathway from referral to progression.







Built to complement—not replace—colleges, training providers and employer academies.

THE AI DIFFERENTIATOR

Personalised learning, made practical

Learning Bridge is the 'Artificial Intelligence' delivery engine not the outcome. The outcome is confidence, readiness and progression into work.

-  **AI avatar tutors**
-  **Gamification**
-  **Adaptive pathways**
-  **Human oversight**

AI avatar tutors Always-on support, clear explanations and learning at the student's pace – local language, courses tailored

Gamification Badges, progress tracking and momentum to keep learners engaged – reducing drop off rates, promotes team engagement and a desire to achieve

Adaptive pathways Content adjusts to confidence, prior knowledge and pace.

Human oversight Experienced tutors, Mentors, Vocational qualification board and employers validate readiness and progression.



AI Tutor
Hi Jordan, I'm here to help you build the skills and confidence you need to get job-ready.

What would you like to learn today?

Continue learning

- Site Safety Essentials (15 min)
- Construction Basics (20 min)
- Reading Plans (18 min)

You're building your future. One step at a time.

Hi Jordan 🌟
Keep learning. Build your future.

Your progress

72%
Course progress

- ✓ Safety essentials
- ✓ Site awareness
- ✓ Tools & equipment
- ▬ Foundations
- Next: Materials

Badges

-  Safety Champion
-  Quick Learner
-  On Track

Ministerial message: AI can scale trusted vocational preparation without removing local people, mentors or employers from the process.

THE DELIVERY MODEL

Pop-Up Colleges: local, practical, scalable

Digital learning is combined with local spaces, mentors and practical confidence-building.

Local access

Uses colleges, community venues, employer spaces and training centres.

Mentor-led

Experienced tradespeople (often out of work themselves) and tutors bring practical credibility.

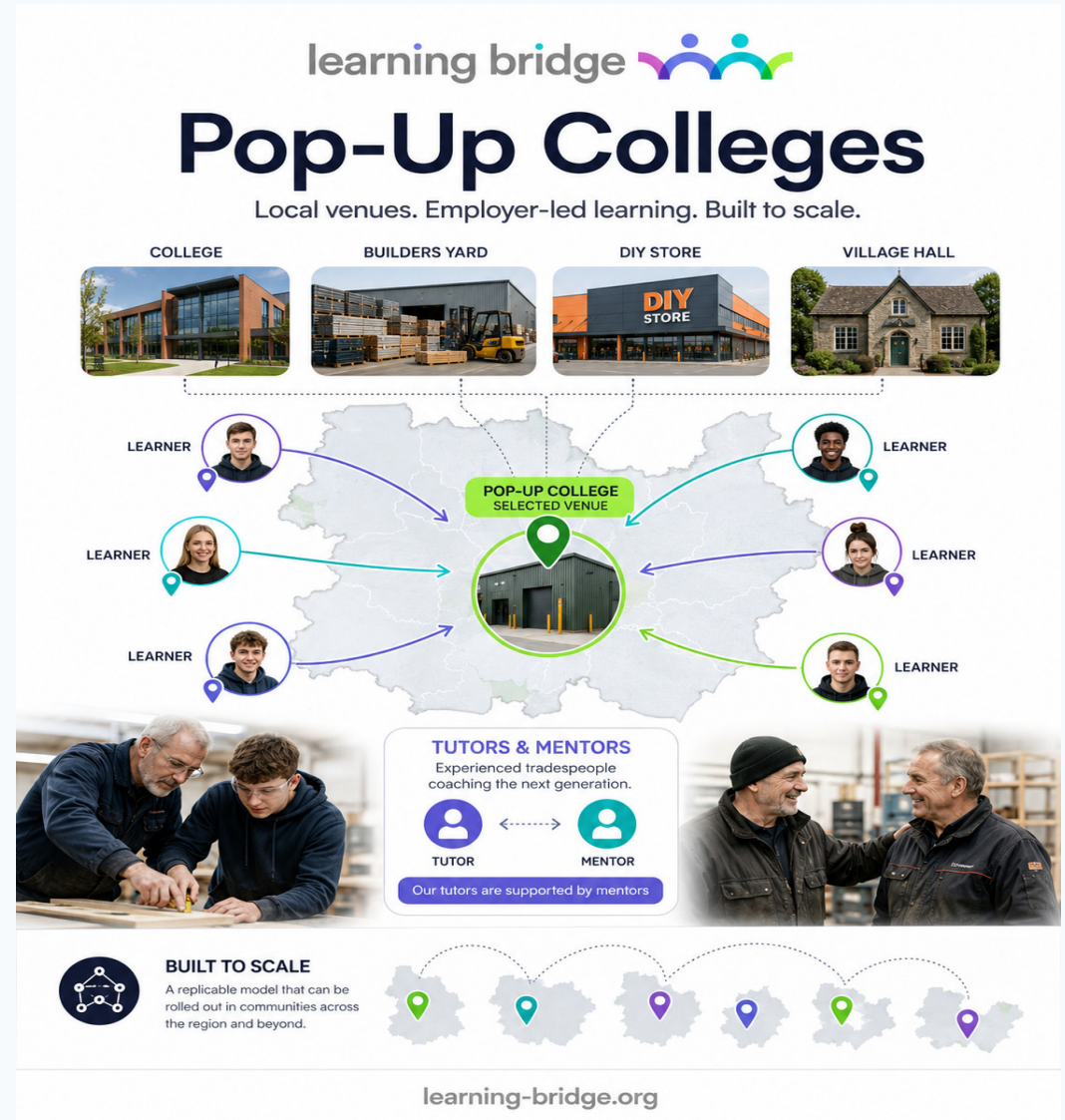
Employer-led


Tier 1 contractors help define what readiness means.

Qualification-aligned

Developed with recognised vocational qualification bodies

The model travels to the learner and the employer demand — rather than waiting for the learner to find the system.



learning bridge 

Pop-Up Colleges

Local venues. Employer-led learning. Built to scale.

COLLEGE BUILDERS YARD DIY STORE VILLAGE HALL

LEARNER LEARNER LEARNER LEARNER LEARNER LEARNER

POP-UP COLLEGE SELECTED VENUE

TUTORS & MENTORS
Experienced tradespeople coaching the next generation.

TUTOR MENTOR

Our tutors are supported by mentors

BUILT TO SCALE
A replicable model that can be rolled out in communities across the region and beyond.

learning-bridge.org

focused learning up to a 12-week pathway, built to evidence outcomes

Start regionally, prove the model, then replicate through contractors and public-sector partners.



AI learn → local practise → employer insight → recognised progression

Cohort

Young people, unemployed adults, career changers and veterans

Pathway

Up to 12 weeks of structured AI-supported and practical learning

Partners

Tier 1 firms, CITB, DWP, qualification body and local delivery partners

Evidence

Attendance, progress, badges, assessment results, interviews and outcomes

Pilot purpose

Demonstrate a credible, employer-backed route from referral to employment readiness — with clear evidence for public funding and industry scaling.

A clear operating model for every participant

Learning Bridge turns AI-supported learning, local Pop-Up Colleges and experienced trade tutors into an evidenceable route to work.

Learners

Mobile-first AI learning at home, then local practical sessions. Builds confidence, site-readiness and a route to recognised progression.

Experienced tutors & mentors

Experienced tradespeople coach, demonstrate and signpost. Their knowledge is retained and passed to the next generation.

Pop-Up Colleges

College, builder’s yard, DIY store, training centre or Social - village hall. Venue choice follows learner geography and employer demand.

Tier 1 contractors

Define what “ready” means, provide insight, mentors, site visits, interviews and endorsement for the CITB / DWP pilot route.

CITB, DWP & public sector

Fund, refer and evaluate. Attendance, AI engagement, badges, tutor sign-off and destination outcomes create measurable evidence.

Pilot outputs: practical, measurable, scalable

1. Recruit

DWP / local referrals and employer-backed cohort selection

2. Learn

AI avatar tutor, gamification and learner progress data

3. Practise

Pop-Up College sessions, trade tutor support and mentor input

4. Progress

Qualification route, interviews, apprenticeships, jobs or further training

The practical ask: validate the model, endorse the need, help shape the pilot and create a replicable pathway into construction employment.

THE ASK

A small amount of industry support unlocks a credible national pilot

Learning Bridge now needs employer validation, endorsement and route-to-funding alignment.

1

Focused discussion

Test strategic fit with skills, social value and early careers priorities.

2

Employer input

Define practical readiness and priority progression routes.

3

Letter of endorsement

Support the case to CITB and DWP for a funded pilot.

4

Pilot participation

Mentors, site insight, supply-chain introductions or interview pathways.



Learning Bridge: AI-powered preparation, local practical learning, employer-backed progression.