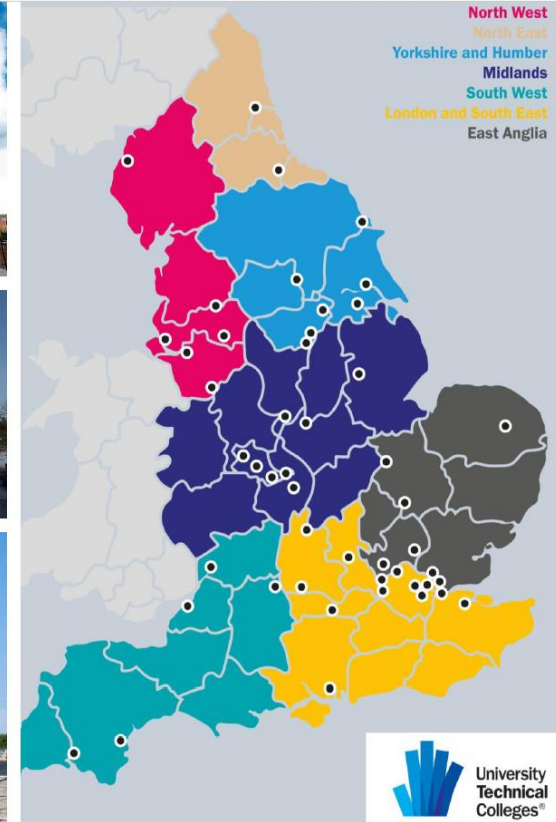
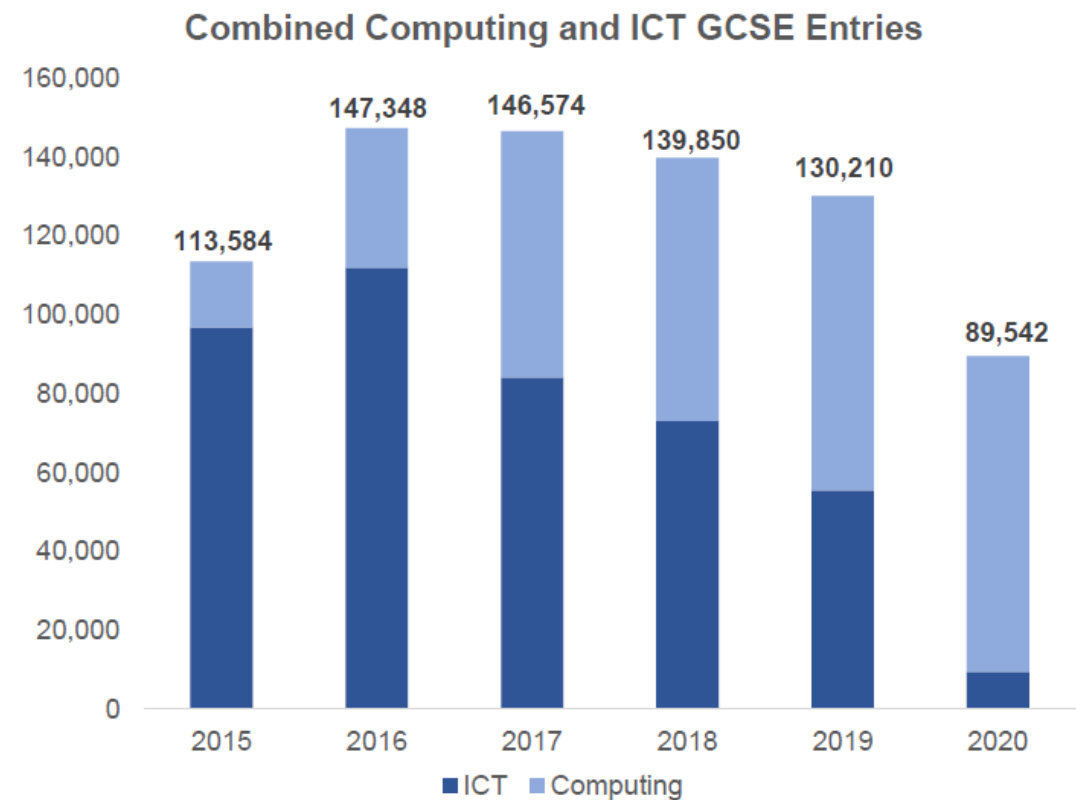
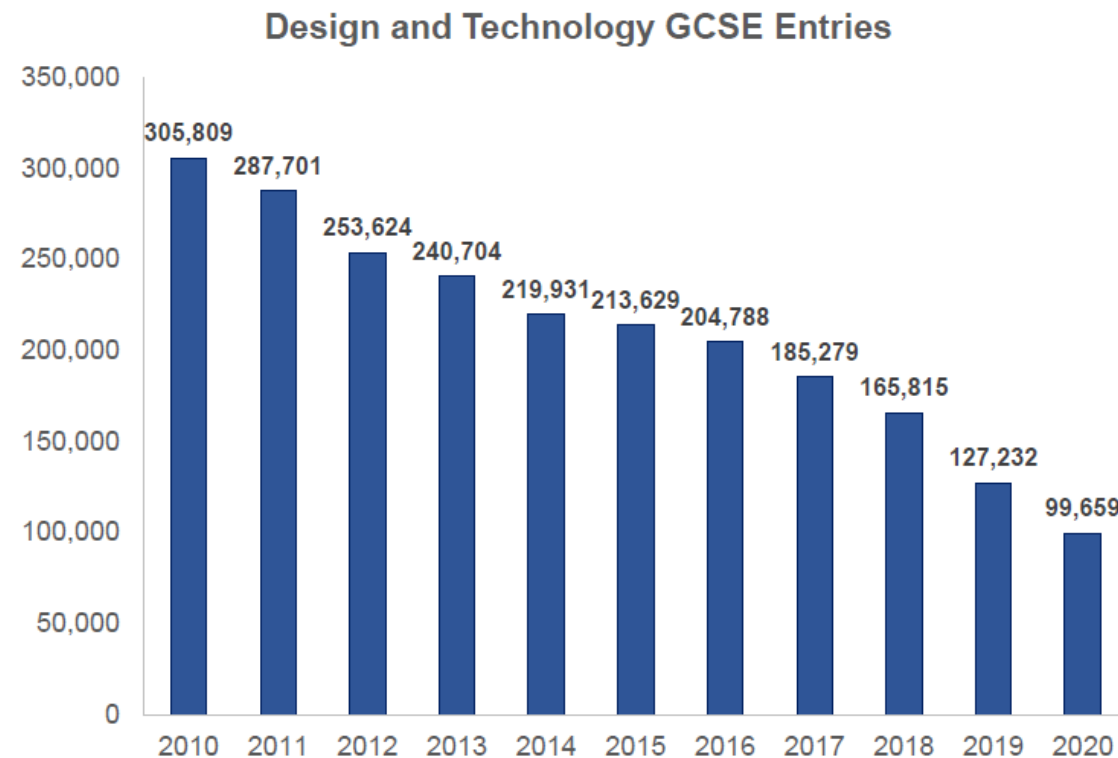


UTC landscape

- 48 UTCs
- One or two specialisms
- Up to 600 students
- Ages 14-18
- Pre-apprenticeship
- Work with employers



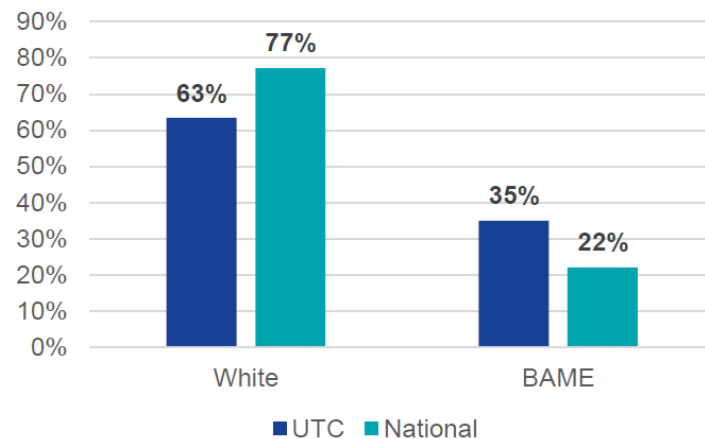
Decline of STEM



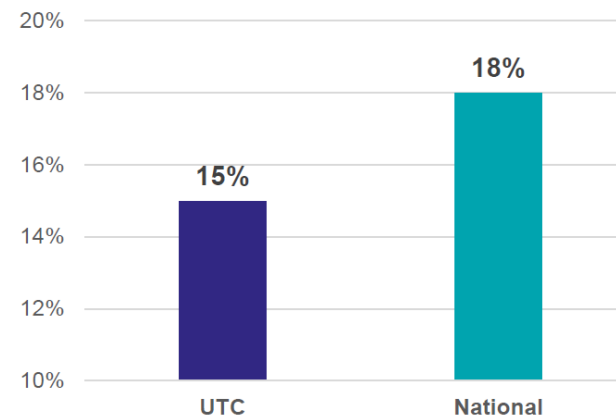
UTC landscape



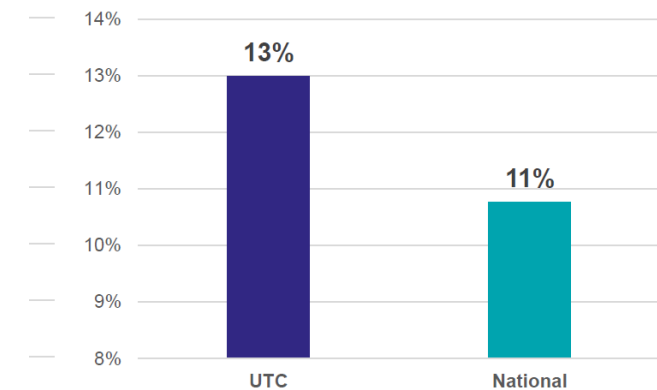
Year 13 Ethnicity (Where Given)



Year 13 % Disadvantaged Students



Y13 % SEN Students



Diversity: UTC Heathrow

Year 13 Ethnicity (Where Given)

81%

Year 13 % Disadvantaged Students

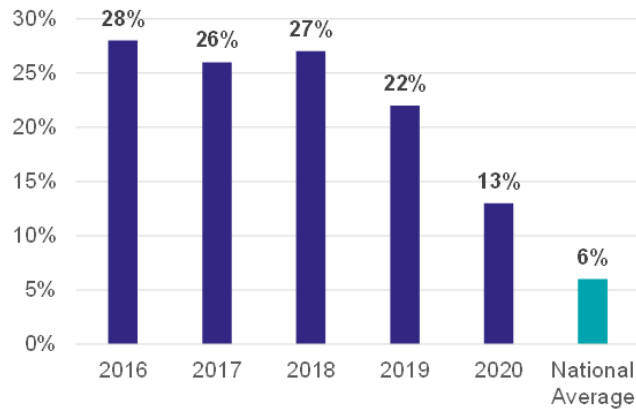
19%

Y13 % SEN Students

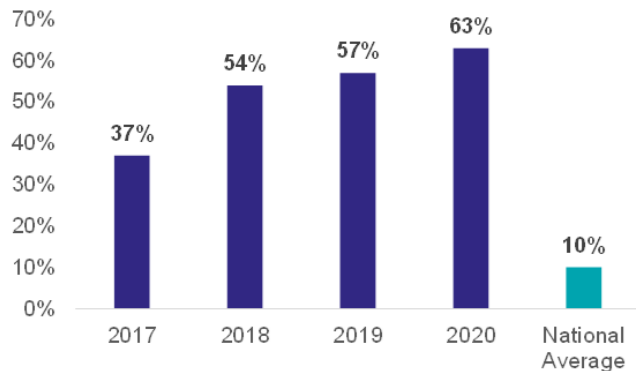
13%

UTC apprenticeship stats

% Apprenticeship Levels



% Y13 Apprenticeships with Higher and Degree Starts



No	Organisation	Apprenticeship	Employment	Grand Total
1	Royal Navy	16	8	24
2	Royal Air Force	10	1	11
3	Global	8		8
4	Siemens	7		7
5	BAE Systems	6		6
6	NHS	3	3	6
7	Tesco	1	5	6
8	Army	1	6	5
9	National Grid	5		5
10	Sellafield	5		5
11	Spencer Group	5		5
12	Amazon	1	3	4
13	Cisco	4		4

Case study: Ron Dearing UTC

Destinations in 2020:

- 78 leavers
- 25 apprentices (34%)
 - 24 starting at Level 4+
 - 20 starting at partners
- 2 employed by Royal navy

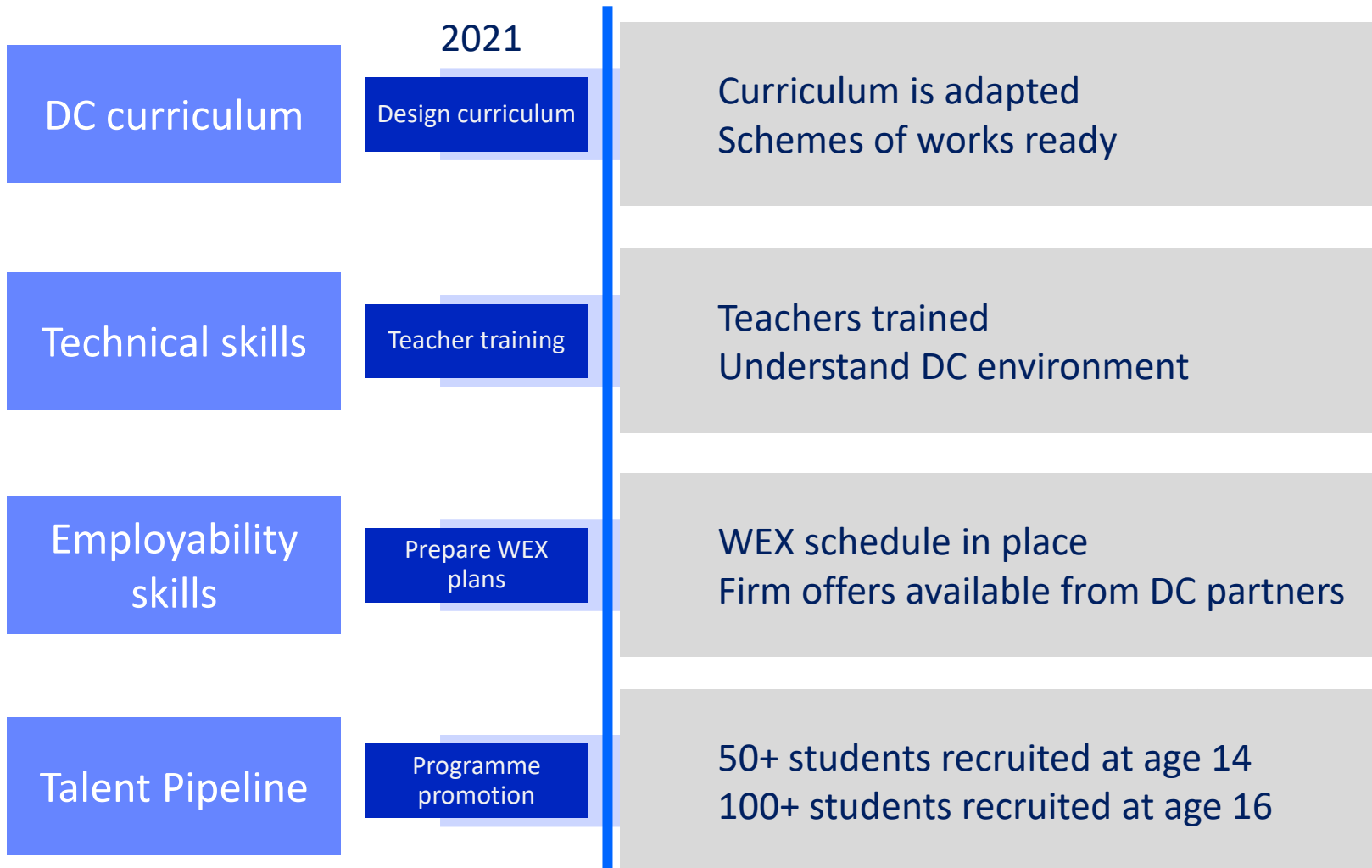
Partner management :

- Governance
- Employability skills sub-committee
- Curriculum sub-committee

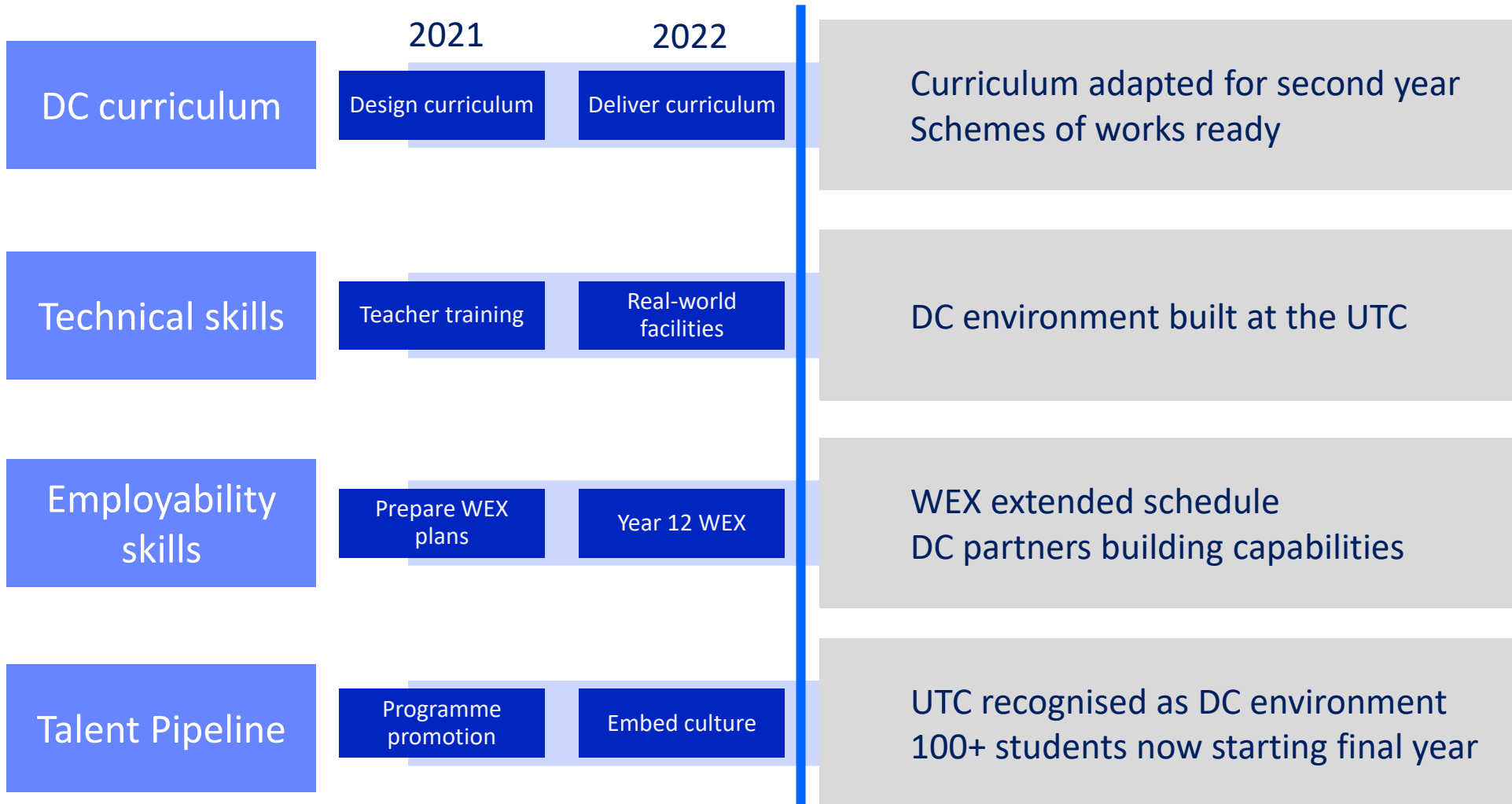


What to avoid	Why?
Employer Engagement not led from the top	Employer engagement not an integral part of the curriculum
Logos on wall rather proactive involvement	Disappointed students and parents
Employer-engagement an 'add on' not embedded in qualifications	Inefficient use of time. Opportunities to enhance progress/outcomes on qualifications missed.
Too many partners	Quality of engagement diluted. Impact limited. Dissatisfied employers.
Too many projects	Quality of engagement diluted. Impact limited. Dissatisfied employers. Poor academic outcomes.
Projects too complicated	Quality of engagement diluted. Impact limited. Outcomes Dissatisfied employers. Poor academic outcomes.
Employers priorities more important than UTC's	Poor academic outcomes
Academic priorities more important than employer engagement	A 'school' not a 'UTC'. Disappointed students/parents/employers

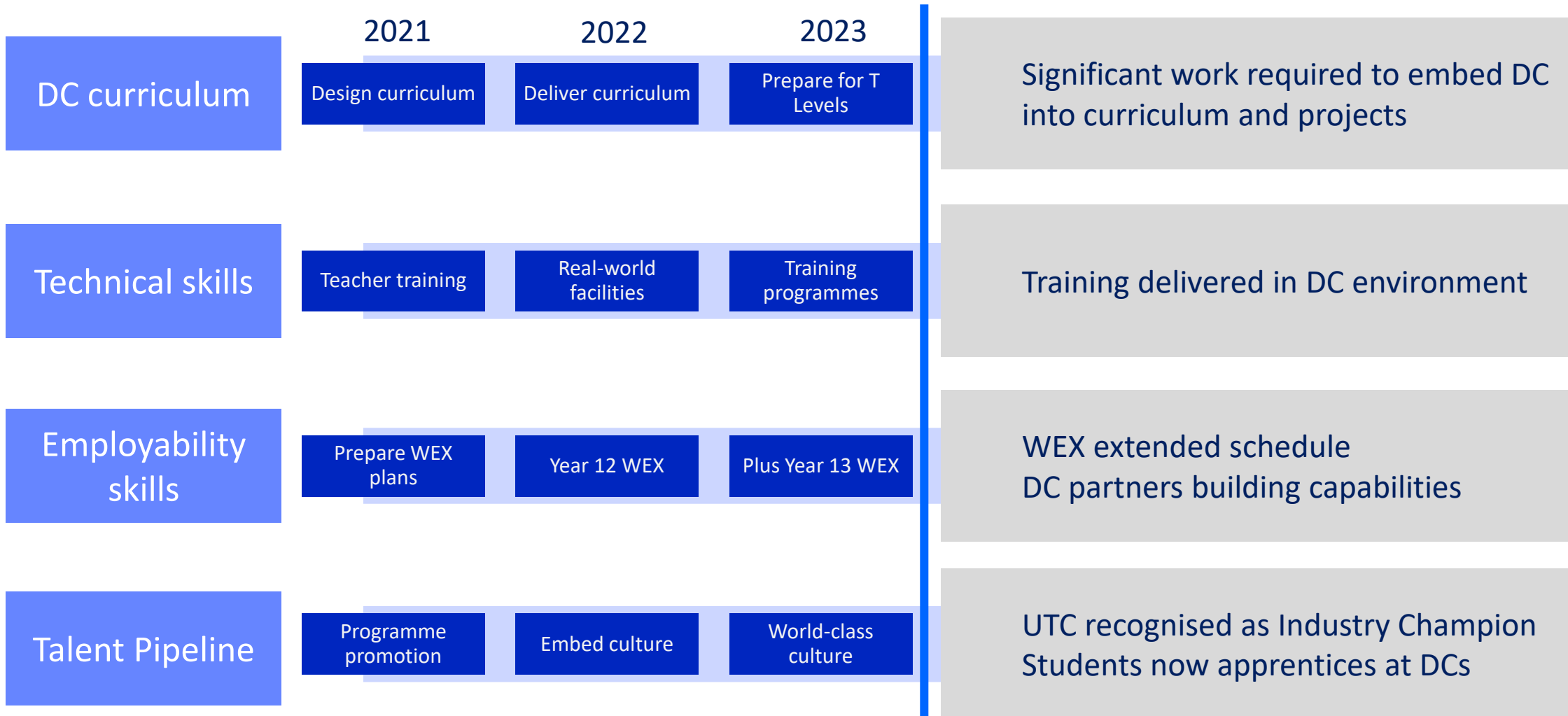
Road to 100: September 2021



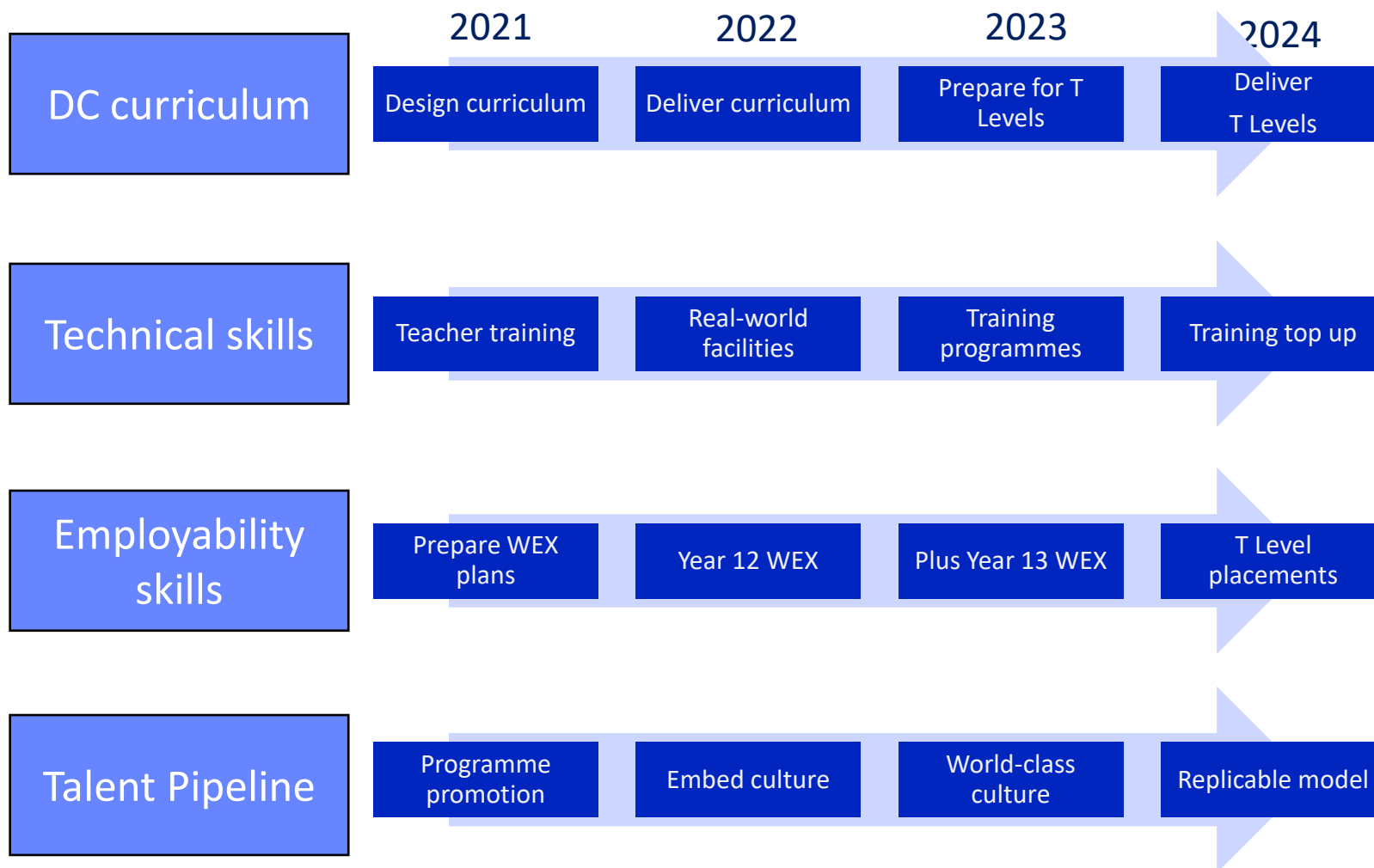
Road to 100: September 2022



Road to 100: September 2023



Road to 100: Vertical integration



Trained to learn

Ready to go

Part of the team

Already loyal

UTC Heathrow: DC Partner commitment

Department for Education funding:

£10M Cap Ex for new build

£1.2M per year for facilities, staffing, back office, 1K+ hours of classroom teaching for 250 students age 14-18

DC Partner funding:

£120K per year - management resource, technology build out, marketing

(10 partners contributing equally)

Per partner commitment:

Commitment	Description	Cost
Annual funding	Funding provided by each DC Partner	£1k per calendar month (£12K per annum)
Executive sponsor	Resource time estimated @ 12 days per annum (steering group, resourcing, and quality management)	Governance, sub-committees, steering group
Skills training delivery	Resource time estimated @ 30 days per annum	(against current outreach, careers, recruitment activities in your organisation?)
Annual student recruitment campaign	Video testimonial, social media commentary, open events attendance	(against current education CSR activities?)