

Unit 10 Pushing the boundaries

1. *Discussing performance and suitability.*

1	push the boundaries	
2	performance	
3	suitability	
4	appropriate/inappropriate	
5	consistent/inconsistent	
6	economical/uneconomical	
7	effective/ineffective	
8	efficient/inefficient	
9	sufficient/insufficient	
10	cost-effective	
11	readily	
12	visual impact	
13	exposed locations	
14	high ground	
15	with regard to	
16	rigid	
17	align with	
18	torsion	
19	differential pressure	
20	rough finish	
21	in a sense	
22	inherently	
23	common-sense	
24	suitable/unsuitable	

2. Describing physical forces

1	bending	
2	centrifugal force	
3	compression	
4	contraction	
5	expansion	
6	shear	
7	tension/torque	
8	structural engineering	
9	a margin	
10	stack effect	
11	sliding	
12	crushing	
13	twisting	
14	wobbling	
15	contraction	
16	twisting	
17	wobbling	
18	torsion	
19	downward force	
20	squash=compress	
21	strain	
22	unit of force	
23	to be subjected to	
24	cross-sectional area	
25	applied stress	

3. Discussing relative performance

1	consideration	
2	criterion/criteria	
3	variable	
4	substantially	
5	congestion	
6	to check in for a flight	
7	to board a train	
8	blend together	
9	aerodynamic drag	
10	motor power output	
11	catenary	
12	oscillation	

4. Describing capabilities and limitations

1	to cope with	
2	to intend for	
3	to subject to	
4	to surpass	
5	to black out	
6	thrust	
7	sled	
8	reverse engine thrust system	
9	to envisage	
10	to reckon	
11	rough calculations	
12	to assume	
13	feasible	
14	propulsion	
15	to encounter	
16	to labour	
17	substantial distance	