



**TECHNOLOGICAL
DESIGN**
TDJ



3D PRINTING

Be prepared for success, take **TECH.**



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CHALLENGE 1

Create a Stylus.





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CHALLENGE 2

Design a Bridge.



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CHALLENGE 3

Recreate a mini version
of a famous structure.





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CHALLENGE 4

Eco home design.
Build a solar building.





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CHALLENGE 5

Assistive device design
to help someone with
manual dexterity deficit.





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CHALLENGE 6

Simple machines - can
you make a machine
with two gears or
a pulley?





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CHALLENGE 7

Design a kite.





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CHALLENGE 8

Design a new
lego piece.





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CHALLENGE 9

Create an airplane with
movable parts.





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CHALLENGE 10

Design and create a
new name badge.





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CHALLENGE 11

Design and create a
funky cell phone stand.





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CHALLENGE 12

Design a usable comb,
brush or clip.





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CHALLENGE 13

Design and create a car.





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CHALLENGE 14

Design a minecraft
piece/block.





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CHALLENGE 15

Design and print a two
part hinge.





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CHALLENGE 16

Design a coaster with a
favourite logo.





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CHALLENGE 17

Design your own person
super hero shield.





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CHALLENGE 18

Create a new
character for your
favourite cartoon.





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CHALLENGE 19

Design a 3D
emoji statue.





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CHALLENGE 20

Design a bank
card holder.

