



Key DT Concepts

Design

Make

Evaluate

Technical Knowledge

Key Stage 1:

purposeful
functional
appealing
products
design criteria
generate
develop
communicate
talking
drawing

Key Stage 2:

purposeful
functional
fit for purpose
using research
appealing
discussion
annotations
sketches
CAD

Key Stage 1:

range of tools
cutting
shaping
joining
construction
materials
textiles
ingredients
finishing
where food comes from

Key Stage 2:

select
wider range of tools
cutting
shaping
joining
functional properties
aesthetic properties
healthy, varied diet
savoury dishes

Key Stage 1:

explore
evaluate
existing products
design criteria

Key Stage 2:

investigate
analyse
existing products
design criteria
consideration of others
improve
shape the world

Key Stage 1:

build structures
stronger
stiffer
more stable
mechanisms
levers
sliders
wheels
axles

Key Stage 2:

strengthen	series circuits
stiffen	switches
reinforce	bulbs
gears	buzzers
pulleys	motors
cams	program
levers	
linkages	