Key Stage Year Group		Subject	Teacher .	Programme of Study			
3 7/8	•	CATS	Miss M Baguley	National Curriculum	DT		
Autumn a		Autumn b	Spring a	Spring b	Summer a	Summer b	
Topic(s)		Topic(s)	Topic(s)	Topic(s)	Topic(s)	Topic(s)	
Health & Safety Materials		Blok bots	Blok bots	Pinball	Disassembly & testing	Motion & Movement	
		Assessment Tasks	Assessment Tasks	Assessment Tasks	Assessment Task	Assessment Tasks	
Health & Safety Awareness		Use of manufacturing tools and Techniques	Manufacturing plans	Finishing techniques	Evaluation	Gears, Cams and levers	
V 01.111		Key Skills	Key Skills	Key Skills	Key Skills	Key Skills	
Key Skills		·	· ·	·	·	·	
Pupils will learn how to :-		Pupils will learn how to :-	Pupils will learn how to :-	Pupils will learn how to :-	Pupils will learn how to :-	Pupils will understand that:-	
Classify materials Keep themselves and other safe in a workshop		Identify correct tools Mark & measure using templates and specialist equipment	Produce ordered sequences Join a variety of materials Adapt methods of manufacture	Use a broad range of techniques to manufacture products precisely Modify the appearance of materials	Evaluate their products	Using mechanical systems in their products enable changes in movement and force	
Personal Development/Caree	ers	Personal Development/Careers	Personal Development/Careers	Personal Development/Careers	Personal Development/Careers	Personal Development/Careers	
Pupils will be introduced to STEM Careers ( Black history month link)		Pupils will have a discussion around how to be more environmentally friendly	Focus on More STEM Careers	Discussion on a range of designers, engineers, technologists and manufacturers	Focus on More STEM Careers Life Cycle of products – concept of 'cradle to arave'	Learners will focus on STEM careers in the local community and what employers are looking for	
Reading & Writing		Reading &Writing	Reading &Writing	Reading & Writing	Reading &Writing	Reading & Writing	
Pupils will use the literacy to support their learni	-	Pupils will use the literacy mats to support their learning Use of practical log to record progress and Verbal Feedback	Pupils will use the literacy mats to support their learning Use of practical log to record progress and Verbal Feedback	Pupils will use the literacy mats to support their learning Use of practical log to record progress and Verbal Feedback	Pupils will use the literacy mats to support their learning Use of practical log to record progress and Verbal	Pupils will use the literacy mats to support their learning Use of practical log to record progress and Verbal	
Speaking & Listening		Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening	
Pupils will compare and discuss H&S images		Use of group work to analyse trains	Pupils will discuss a variety STEM careers	Use of peers to discuss practical progress on trains and set new targets	Small group work to evaluate their trains	Pupils will be able to discuss in groups how movement and motion can be altered	
Numeracy & Mathematical Reasoning		Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	

pils will use the numeracy	Pupils will use the numeracy	Pupils will use the numeracy	Pupils will use the numeracy	Pupils will use the numeracy
ats to support their learning	mats to support their learning	mats to support their learning	mats to support their	mats to support their
Accuracy, rounding &			learning	learning
estimation	Use of Time scales	Percentages and ratio		Use of Gear trains
e of templates to support	Costings		Interpreting and	Ratio
Creative Media	Creative Media	Creative Media	Creative Media	Creative Media
earners will be able to use	Learners will be able to use	Learners will be able to use	Learners will be able to use	Learners will be able to use
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to portfolio work	to portfolio work	to portfolio work	add to portfolio work	add to portfolio work
e e e	s to support their learning & ccuracy, rounding & estimation of templates to support  Creative Media arners will be able to use to photo work and add	mats to support their learning accuracy, rounding & estimation of templates to support  Creative Media arners will be able to use s to photo work and add  mats to support their learning  mats to support their learning  Cuse of Time scales  Costings  Creative Media  Learners will be able to use Ipads to photo work and add	s to support their learning cocuracy, rounding & Use of Time scales costings  Creative Media  Learners will be able to use stophoto work and add  Ipads to photo work and add  Creative Media  Creative Media  Creative Media  Creative Media  Creative Media  Learners will be able to use stophoto work and add  Ipads to photo work and add	s to support their learning estimation of templates to support  Creative Media  Learners will be able to use  I pads to photo work and add  I pads to photo work and add  I pads to photo work and add