Dereham Church Infant and Nursery School- Computing

	Year group: Nursery	Area/topic: Mini Mash – Making a Vehicle (Summer 1)
	(objectives from NC/ELG/Development matters) Physical Development: • Match their developing physical skills to tasks and activities in the setting. Understanding the World: • Explore how things work.	

Prior learning	Future learning
Children have had experience of using Mini Mash before during their Spring 2 topic where they used the website to draw a picture. They will now move onto using the app for a specific purpose so will need to select particular actions first.	Although Mini Mash will no longer be used in Reception or KS1, they will progress onto using Purple Mash.

What pupils need to know or do to be secure	
Key knowledge and skills	Possible evidence
• Children to understand what a vehicle is and that we will be using an iPad to create one. • Children will begin by learning how to make a car by dragging and dropping the correct pieces of the car to the screen. (Use the simple vehicle making app on Mini Mash for this objective). • Children will learn to press the 'play' button to get their vehicle to move.	• Children to make their own vehicle, choosing the shape, number of wheels and colours using the app on Mini Mash.

- Children to learn how to change the colour of their vehicle by dragging that particular coloured paint brush to the car. (Use the slightly more advanced vehicle making app for this objective).
- Children can add a person to their vehicle by dragging and dropping a person from the side of the screen to the car.
- Children will learn how to wash their vehicle by selecting the correct equipment from the side of the screen.
- Children to learn how to 'delete' something on the screen that they no longer want. Children will learn to do this by dragging and dropping the item back to where it came from.

Key vocabulary

- iPad licence – A laminated iPad with iPad rules on one side. Each child has their own signed iPad licence which they must have when using an IPad.
- Mini Mash – An online website which provides digital activities for Nursery children to complete.
- Vehicle – A car, bus, train, coach, plane.
- Screen – The part the children will touch and look at.

Common misconceptions	Books linking to this area
• Children may not understand that they can delete stuff by dragging it back to where they got it from.	
Memorable first hand experiences	**Opportunities for communication**
• Children to be as creative as they like using the class Mini Mash account to create their own vehicle.	• Children can then tell the adults and their friends all about the vehicle they have made on Mini Mash.

DCINS Reasonable adjustments for pupils with SEND

Communication and Interaction	Cognition and Learning
• Make sure the children are using the correct equipment for them. • Consider headphones to support the child to hear. • Have someone available to read any text that is on the screen.	• Consider adjusting the brightness and colour so they can see the screen more easily. • Have someone available to read any text that is on the screen. • Shorter steps given at appropriate time. • Simpler logins. • Adult to support with logging in. • Print out which the different functions and tools on. • Step by step guide printed out for them to refer to.
Social, Emotional and Mental health	**Sensory and Physical**
• Timer so they understand when they will need to log off. • Clear boundaries. • Online safety instructions made clear.	• Larger text/equipment. • Print offs instead of screen time. • Appropriate desk, chair, keyboard and mouse.