NICER curriculum | ICT Long Term Plan

		Autumn	Spring	Summer
N and R	**The Big Adventure** How can we transform a space in our school to tell everyone about our big adventure?	**A New Adventure** **Project based Learning on:** *Puppets* **Challenge:** *Create a puppet show* **Outcome:** *Puppet Show*	**A Real World** **Project based Learning on:** *Traditional stories* **Challenge:** *How can we tell a story to an audience? How can we run a Café?* **Outcome:** *Storytelling to an audience / Creating a cafe*	**A Whole New World** **Project based Learning on:** *Travel* **Challenge:** *Where might we travel in the world?* **Outcome:** Travel documentary film
1	**The Big Adventure** How can we transform a space in our school to tell everyone about our big adventure? **Programming – Beebots** **Saving and Retrieving Work** **Graphics and Design**	**Far Far Away** **Project based Learning on:** *Bridges* **Challenge:** How can the three Billy goats gruff get to their field without crossing the bridge and meeting the troll? **Outcome:** *Gingerbread Men / Houses* **Saving and Retrieving Work** **Research** **E-Safety**	**The Jolly Farmer** **Project based Learning on:** *Healthy Food* **Challenge:** *How can we create a healthy food tasting festival for our families?* **Outcome:** Healthy food festival of Soup **Word processing** **Data Handling** **Research**	**Buckets and Spades** **Project based Learning on:** *The Beach* **Challenge:** *Plan and design a gallery that brings the seaside to the city* **Outcome:** *Seaside Gallery* **Sound** **Graphics and Design** **Websites**
2	**The Big Adventure** How can we transform a space in our school to tell everyone about our big adventure? **Saving and Retrieving Work** **Word processing** **Research and Websites** **Graphics and Design**	**Sparks will Fly** **Project based Learning on:** *Fire* **Challenge:** *How can we tell the story of fire creatively?* **E-Safety** **Animation** **Sound**	**Up, Up and Away** **Project based Learning on:** *Flight* **Challenge:** *How can we make something fly?* **Outcome:** *Kite Festival* **Word processing** **Data Handling** **Programming - Beebots**	**The Really Rural Show** **Project based Learning on:** *The countryside* **Challenge:** *How can we recreate the countryside in our environment?* **Outcome:** *Countryside fayre* **Graphics and Design** **Sound**

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3	**The Big Adventure** **How can we transform a space in our school to tell everyone about our big adventure?** **Research skills** **PowerPoint Presentations**	Around the World in 80 Beats Children use ICT to explore music and recording. They use different sound patterns to create songs. They use well known songs to innovate and change. **Project based Learning on:** *Countries* Challenge: *Compose an album of songs of the world* Outcome: *Album* **Word processing** **Saving and Retrieving work** **Documenting and Publishing** **Sound**	**A Day at the Museum** **Project based Learning on:** *An aspect of History* **Challenge:** *How can we run our own pop-up museum?* **Outcome:** *Pop Up Museum* **Graphics and Design** **Word Processing** **PowerPoint**	**Dinosaur Stomp!** **Project based Learning on:** *Dinosaurs* **Challenge: How can we bring dinosaurs back to life through dance?** **Outcome:** *Dance performance* **Data Handling** **Programming – Scratch / Kodu** **Animation**
4	**The Big Adventure** **How can we transform a space in our school to tell everyone about our big adventure?** **Research skills** **Saving and Retrieving Work** **Data Handling** **Graphics and Design**	**Funny Bones** **Project based Learning on:** *The Body* **Challenge:** *Create an animation to show how the body works* **Outcome:** *Animation* **Animation** **Sound**	**Time Traveller** **Project based Learning on:** *An aspect of History* **Challenge:** *How can you produce an art gallery to show the History of the world?* **Outcome: Historical Art work gallery** **Word Processing** **Graphics and Design** **Film**	**Crazy Contraptions** **Project based Learning on: Inventions** **Challenge: Can we design and make a product which solves a problem?** **Outcome:** *Product fair / sale / invention / Campaign* **Data Handling** **PowerPoint presentations** **Programming – Scratch / Kodu**

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5	**The Big Adventure** How can we transform a space in our school to tell everyone about our big adventure? Word Processing Research Skills Graphics and Design	**Pillars and Drains** Project based Learning on: *Religions* Challenge: *How can we help the community?* Outcome: *Community project* E-Safety Documenting and Publishing	**Food v Man** Project based Learning on: *Healthy and fair food* Challenge: *How can we set up a healthy tuck shop to run in the school?* Outcome: *Fairtrade tuck shop* Data Handling Saving and Retrieving work Film	**Castle Attack!** Project based Learning on: *Castles* Challenge: *How can you design an attack proof castle?* Outcome: Re-enactment day and Banquet Word processing Programming – Scratch / Kodu PowerPoint Presentation
6	**The Big Adventure** How can we transform a space in our school to tell everyone about our big adventure? Research and Websites Word Processing and Publishing	**Super Sudz** Project based Learning on: *Soap in the past and present* Challenge: *How can we design and produce organic soap?* Outcome: *Soap Sale* Graphics and Design Research and Websites E-Safety Presentations	**Goblin and Ghouls** Project based Learning on: *Spiderwick* Challenge: *Create our own chronicles* Outcome: *Published chronicles* Word processing Saving and Retrieving Work Programming – Scratch / Kodu E-Safety	**The Final Countdown** Project based Learning on: *Events* Challenge: *How can we set up a VPA events promotion company?* Outcome: *Production, exhibitions and Prom* Graphics and Design Data Handling Presentations