Year 1: Science The Environment Knowledge Mat

Subject	Specific Vocabulary	Recycling	Important knowledge
plastic	A material that may be shaped when soft and then hardened to keep the given shape. Lots of products are made from plastic.	METAL GLASS ORGANIC BULBS	☐ I know that there is plastic in lots of products that we use every day.
reusable	To reuse means to continue using the products you have.	NEWS & LOURY	I know that plastic bags can be harmful to the environment.
recyclable	If a material is recyclable, you can put it through a process so the material can be used again instead of being wasted.	PAPER BATTERIES PLASTIC E-WASTE	 I know that discarded plastic can end up in rivers, seas and oceans. I know that plastic can be
single use		C C	harmful to marine life.
single use plastic	Any kind of plastic tool that we use once and then throw away.	Plastic Pollution	I know that plastic takes hundreds of years to degrade.
landfill	A landfill is a place where waste is kept. Waste is usually buried in landfills.	2050 IS THE YEAR EXPERTS OF PLASTIC 2FOCEAN WILL WEIGH MORE THAN THE AMOUNT OF FISH	☐ I know that plastic products can be reused and that this will help the environment.
biodegradable	Something that can be broken down by the action of living things such as bacteria.	THERE IS ALSO THE PROBLEM OF MICRO PLASTICS 5 0 0 - 1000 YEARS - YEARS SOME LASTICS TO HIERAR SOWN	☐ I know that plastic products can be upcycled and that this will help the environment.
waterproof	Something that keeps water out.	SINGLE 29-40% USE 39 CHALL PLASTICS PLASTICS HAVE BEEN CONSUMED 19 BEEN CO	I can sort my plastic object into those that could be reused and those which could not. I can sort plastic bags into lists
marine life	Plants and animals that live in salt water, such as seas and oceans.	& LAND BASED ANIMALS LAND	of features given to me by my teacher. I can use simple books,
degrade	To break something down into smaller parts.	PLASTICS CANNON POLICE POLICE OF CANNON	pictures, and web pages to find out how plastic can harm marine life.
upcycle	The process of transforming waste materials into something useful.	IN THE WORLD	☐ I can record my ideas as a labelled drawing or by annotating a photograph.