

	onal Thinking with Cubetto <u>1</u> : Cubetto's Properties	 6 Cubettos and 6 Boa 6 City Maps 6 Sets of Blocks (with 		Cross-curricular area: Maths	
NC Objectives To explore a digital device	 Outcomes I can describe an object's properties I can compare the weight of two objects 	Computational Thinking Concept Approach Tinkering	 Resources Provided Properties table Digital copy of City M for printing 	Resources Ne• Feely bags• Objects to c	
 Preparation <u>Needed</u> Check batteries. Feely bags with different wooden, metal and plastic objects inside. Make copies of properties table. 	 Teacher-led introduction (feely bag with Cubetto in at the beginning) Ask for a volunteer to come to the front. Hold out the feely bag and ask the child to put their hand in and feel, closing their eyes. Ask: What can you feel? Describe to us what it feels like. Write on the board the words the pupils use. Ask: Can you guess what it is? If not, ask another child to try and guess, noting down the words they use to describe the object to the class. Add to the children's words so there are at least five to describe Cubetto (e.g. wood, smooth sides, sharp corners, cube/square, hard). Ask: For each of these words on the board, can you think of the opposite? Give examples for children to feel if needed. Ask: Can you point to something else in the class made of wood? Repeat for metal and plastic. Hand out Cubettos and ask: Can you find something on Cubetto that is metal or plastic? Now ask for a volunteer to hold two objects: Cubetto and a heavier object. Ask: Which is heavier? Repeat with a lighter object. Explain that when we describe what an object is like, we are describing its properties. 				
Key Vocabulary Describe Properties Smooth/rough/sharp Hard/soft Wood/plastic/metal Heavier/lighter Challenge Can you make Cubetto turn around?	 Section of the classroom and find an object that is heavier than Cubetto. Find two other objects. Work in pairs and take one Cubetto between two of you. Go around the classroom and find an object that is heavier than Cubetto. Find that are lighter than Cubetto. Work in pairs and take one write down three objects you have found that are heavier, and three that are lighter. Write words to describe the properties of these objects in the column next to them. 				
Creative Play Make a bridge for Cubetto to cross.	 Plenary and assessment 1. Ask the children to close their e 2. Tell the children they can shour 3. Ask children to share their prop 4. Collate a list of all the words us 	t out the answer when they thin perties tables, explaining what t	ik they know what it is! Rep hey found that was lighter a	eat. and heavier than Cubetto.	e.