

LESSON PLAN

CodeClan, Lesson 1



THE PURPOSE OF THE LESSON

Introduction for pupils to learn about their data challenge and learn how to collect data

BY THE END OF THIS LEARNERS WILL HAVE EVIDENCE TO SUPPORT THESE OUTCOMES

Students will learn about how to define a data problem

Students will learn how to collect some data to begin exploring their problem

TIME	TASK	RESOURCES NEEDED
10 MIN	Introduction to Data Introduce the idea that data is everywhere! It's numbers all around us. It's counting how many people are in your classroom, it's recording what you eat for lunch everyday, it's listing your favourite books or tv shows... anything you like! Data isn't about maths really. It's about collecting information about the world and telling a story about it.	Presentation slides 2 - 6 PowerPoint
10 MIN	Introduce the Data Challenge Tell them what their challenge is going to be. We want to look at how people travel to school, so we can see if we have too much car use.	Presentation slides 7 - 10 PowerPoint
5 MIN	Challenge discussion Discuss the challenge with the class	Presentation slide 11- 12 PowerPoint
5 MIN	Discuss how we're going to collect data on travelling to school Hand out accompanying worksheet for them to fill in (can be digital or paper)	Presentation slides 13-14 PowerPoint Worksheet included in supporting materials
10 MIN	Collect our data Give pupils a chance to fill out their worksheet	Presentation slide 15
5 MIN	Conclusions Finish the lesson by introducing the next one Datah! Our challenge catchphrase - we want people to see our data and say :ahhh:	Presentation slides 16 - 17