Linked up: What is the longest paper chain that can be made from A4 paper?

Possible alignment of inquiry with Australian Curriculum: Mathematics:

Content Descriptors	Proficiencies
Yr3: ACMMG061	Understanding • m and cm are units of length • need for a common unit of measurement (formal or informal uniform) when comparing indirectly Fluency
Yr2: ACMMG037 Limit to ordering and comparison using appropriate uniform informal units	• applies correct procedures for measurement, comparison and ordering of length (whether direct or indirect, metric or informal) Problem Solving • make choices in order to formulate a plan to investigate the longest paper chain
Yr1: ACMMG019 Limit to ordering using uniform informal units	Reasoning: • Justify mathematically the prediction for length of class chain • Using knowledge from first iteration of chain making to predict necessary adjustments to make a 1m chain