Demonstrations of using apparatus to understand calculation strategies

Addition

CPA Adding TO to TO with no regrouping
https://www.youtube.com/watch?v=W045qem92XE

CPA Adding TO with regrouping in the ones
https://www.youtube.com/watch?v=XzxAGsj2BBA&t=9s

CPA Adding TO to TO with regrouping twice
https://www.youtube.com/watch?v=8vqD-HjjPfY

CPA Adding 2 numbers together to 2dp with no regrouping
https://www.youtube.com/watch?v=sGUc9M2V_yU

CPA Adding 2 numbers to 2dp with regrouping
https://www.youtube.com/watch?v=8pI_-7NlJRk

Subtraction

CPA Subtracting TO from TO with no regrouping
https://www.youtube.com/watch?v=W2toDvlFKvc&t=12s

CPA Subtracting TO from TO with regrouping
https://www.youtube.com/watch?v=YFGZCsGZ8i0&t=4s

Division

CPA Dividing TO by O with no regrouping or remainders
https://www.youtube.com/watch?v=9-b9jBhTpM8&t=34s

CPA Dividing TO by O with regrouping and no remainders
https://www.youtube.com/watch?v=lVQkdc7QMW4

CPA Dividing TO by O with regrouping and a remainder
https://www.youtube.com/watch?v=ZMblTwtT-mQ

Fractions
Bar Model Fractions of amounts
https://www.youtube.com/watch?v=WAuEShQLWZY

Bar Model Unit Fraction x Unit Fraction
https://www.youtube.com/watch?v=7Pew7ByI6qQ

Bar Model Non unit Fraction x Non unit Fraction

https://www.youtube.com/watch?v=cgUajjdHlAQ

Bar Model 2 items cost the same price
https://www.youtube.com/watch?v=RY74qyEJMrA

Bar Model Scaling an amount
https://www.youtube.com/watch?v=oApxdjBNuHE