Pack 4: Multiplication strategies
Session A) Adjusting a factor by 1
Session B) Monthly payments
Session C) Adjusting a factor by 10
Session D) Exploring calculation strategies

Pack 11: Division strategies
Session A) Division and multiplication
Session B) Halving strategies
Session C) Division structures
Session D) Models of division

Pack 10: Multiplication methods
Session A) Short multiplication
Session B) Models of multiplication
Session C) 2-digit by 2-digit multiplication
Session D) Long multiplication

Pack 12: Division methods
Session A) Using knowledge of multiples
Session B) Written division method
Session C) Written long division method
Session D) Division strategies
Timing
Each session is 30 minutes
20 minute Talk Task and 10 minute independent activity

Session guidance
Get **them** talking and grow their language.

Get **them** to use equipment, manipulatives, models and images to show and explain.

Challenge **them** to think mathematically. Use the Prompts for Thinking listed below to help them to build up habits in the way they think about mathematical situations.

**Reason it**
Explain how you know. Focus on reasons rather than answers. What could you say, do, draw or write to help someone else understand?

**Generate examples and non-examples**
What are the important features? What features are not important (e.g. colour)?

**True or false?**
If true, give examples to support your answer. If false, give a counter example.

**Find all possibilities**
Have you found all the possible answers? How do you know? Did you work systematically?

**What’s the same? What’s different?**
Compare and contrast and look for connections. How many different answers can you give?

**Always, sometimes or never true?**
Give examples to show if the statement is always, sometimes or never true. How do you know?