

INTERVENTION

Prime Numbers

Each Intervention Anchor Chart contains steps to allow the child to investigate independently.

Children investigating an Intervention may be provided with the Intervention Anchor Chart as a guide to follow as they investigate independently.

Children investigating an Intervention may have their progress recorded in the Progress Sheet.

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Progress Sheet [page 3](#)



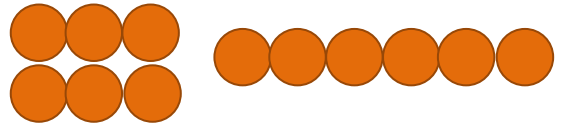
Prime Numbers

(Multiplication and Division 28 Patterns and Algebra 33)

RESOURCES:
counters, pencil, paper
/ Maths book

Have some counters.

Construct as many arrays as possible using the counters.



Record the factors of the number.

Factors of 6: 2, 3, 1, 6

Is the number prime or composite?

This is a composite number because:

- there is more than 1 possible array
- the factors are more than just 1 and itself

Have a different number of counters.

Construct as many arrays as possible using the counters.



Record the factors of the number.

Factors of 7: 1, 7

Is the number prime or composite?

This is a prime number because:

- there is only 1 possible array
- the factors are only 1 and itself

Reflection: How can we identify prime and composite numbers?

Progress Sheet

Child's Details (Name and Intervention Concept):

Each day, record the child's progress. This record, along with the child's recordings and explanations, can be used as: **ASSESSMENT OF LEARNING (SUMMATIVE)** – at any point in time the child's demonstrated level of understanding may be recorded for tracking and reporting purposes.

ASSESSMENT FOR LEARNING (FORMATIVE) – the teacher may use the child's demonstrated levels of understanding over time to plan, implement and evaluate further teaching and learning. Recording daily will allow the teacher to identify irregular learning progress, where the child demonstrates understanding in one lesson but not in subsequent lessons. This record can accompany an IEP, and a referral for further support for the child.

ASSESSMENT AS LEARNING (FORMATIVE) – the child may be shown this record to allow them to identify their learning progress. The teacher will use their teacher professional judgment to decide whether this is appropriate.

Date									
Number size Investigated									
Independent or with support?									

Date									
Number size Investigated									
Independent or with support?									

Date									
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