



## Ideas for practising your maths skills with the Dig1t Games Resource Bag

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### Topic: Comparing numbers

A simple bag of resources can provide an invaluable way to learn and master the early concepts in Maths. This document, and our other activity documents, provide a list of activities that will help to establish a solid understanding of these early concepts.

Try the activities regularly, even if they become easy, as repetition is important to strengthen what you've learned and daily practise is the best way to become a confident mathematician.

Don't rush through the activities - have fun playing at your own pace and make sure you are confident before moving on to more challenging versions.

We also hope our list will inspire you to think of your own activities, as there are many more to think up.

Enjoy!

The Dig1t Games team

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### The Dig1t Games Resource Bag



#### Contents

- Number cards (0 to 20)
- 40 counters (2 colours)
- 4 playing pieces
- 2 dice
- Choke warning label

## Comparing numbers

1. Using the term "equals":  
Pick a set of number cards from numbers you are familiar with.  
Then pick one of your number cards and count out that many counters.  
Notice that the number card you picked is *equal* to the number of counters you have counted out.
2. Split any **even** number of counters into two **unequal** groups.  
Talk about the two groups of counters using terms such as "*more than*", "*less than*", "*fewer*", "*most*", "*least*".  
Then move the counters so the two groups are equal and talk about how you did this.  
Then describe your two groups using the word "*equal*".  
Repeat this activity starting with a different even number of counters.
3. Pick two number cards from a selection of numbers that you are familiar with and compare them using terms such as "*more than*", "*less than*", "*fewer*", "*most*", "*least*" etc.  
If it helps, count out counters to match the two number cards and compare the two groups of counters, but aim to be able to do this with only the number cards.
4. Pick three number cards from a selection of numbers that you are familiar with and compare them using the terms mentioned above.
5. Higher or Lower: Use a selection of number cards and place them face down in a line.  
Turn over the first card and then guess whether the next card will be higher or lower than the number on the first card. If you get it right, repeat for the next card and so on. If you get it wrong, re-start with the next card.
6. Write the greater than ( $>$ ) and less than ( $<$ ) symbols on two pieces of paper or card.  
Using number cards 0 to 20, pick two number cards at random and compare them by creating number sentences using your "less than" and "greater than" symbols.
7. Using number cards 0 to 9, pick 2 number cards and make a 2-digit number with them.  
Repeat this to make another 2-digit number.  
Use your greater/less than symbols to create number sentences that compare your two 2-digit numbers.