

Supporting Maths Through Effective Storytelling



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Aim

To inspire practitioners to use a range of storytelling methods to promote mathematical learning and language in their setting.



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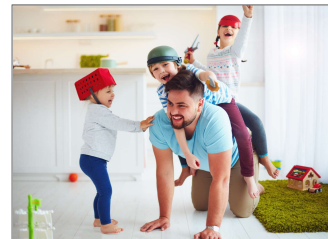
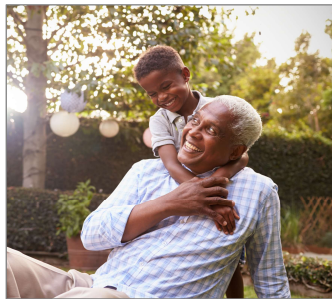
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Learning outcomes

- Describe several different methods for storytelling with young children
- Understand the factors to consider when planning a storytelling experience for children
- Discover how props can be used to support a storytelling session
- List how storytelling can support mathematical development.

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Activity



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What is storytelling?

Storytelling is the art of conveying a narrative to an audience, whether through spoken word, written text or visuals, to engage and entertain an audience.



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Oral storytelling



Oral storytelling is the practice of sharing stories through spoken words, often accompanied by gestures and facial expressions.

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Reflection



How confident do you feel using storytelling to support children's maths development in your setting? Rate yourself from 1-5 (1 being not confident at all to 5 being very confident).

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Getting started

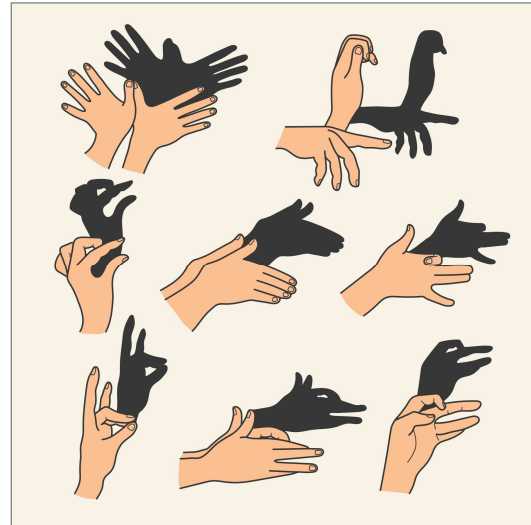


- Familiar stories
- Prepare and practice
- Simplify
- Work together
- Set expectations
- Repetition.

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Top tips

- Finger puppetry
- Voices and sound effects
- Gestures
- Body movements
- Musical instruments & body sounds
- Repeated phrases.



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Props



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Layouts and routes

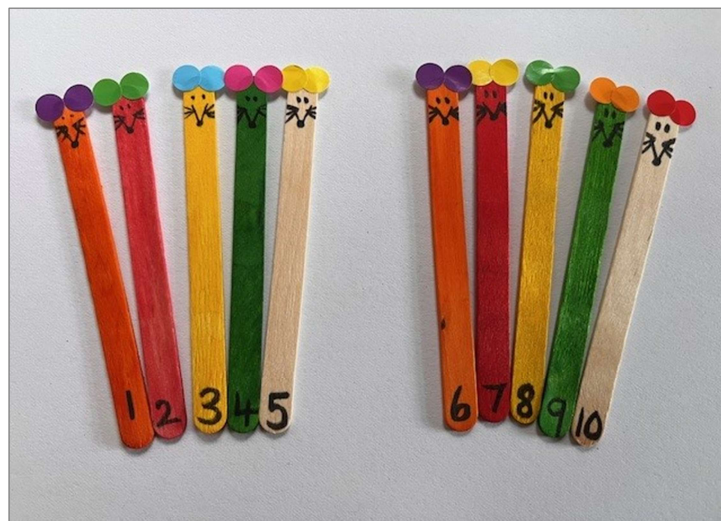


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Craft characters



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Sequencing stories



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Supporting children to tell stories

- Show interest
- Respect suggestions
- Clarify suggestions
- Re-cap
- Remind
- Encourage
- Speculate
- Use open ended questions
- Model thinking.

Siraj-Blatchford et al (2002)

‘Children are born to be storytellers – you only have to look at their role play.’

Kate Shelly, The Power of Storytelling



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Outdoor storytelling



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Parent and carer partnerships

- Role modelling
- Story bags
- Ideas library
- Home language and traditions.



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Benefits of storytelling

- New language and concepts
- Imagination and creativity
- Problem solving and critical thinking
- Playfulness
- Confidence
- Positive attachments.



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Reflection



How confident do you **now** feel using storytelling to support children's maths development in your setting? Rate yourself from 1-5 (1 being not confident at all to 5 being very confident).

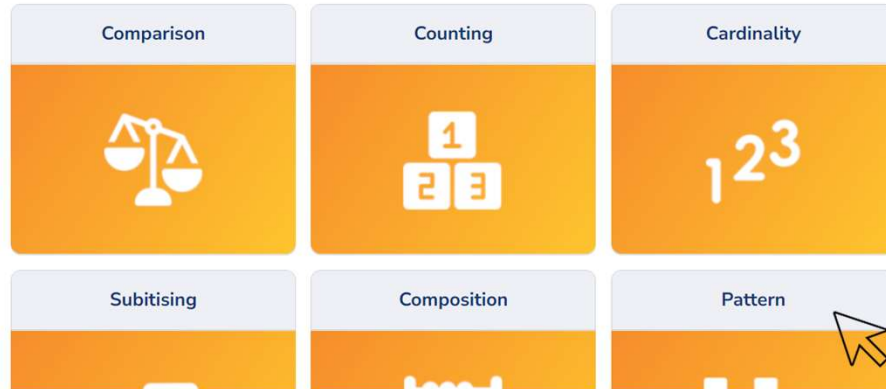
**Any
questions
or
comments?**



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Resources Section

Key Areas of Mathematical Development



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Social media networking



Maths
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Facebook



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Instagram



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Early Years Adviser



Ongoing email and
phone support

6 x 1-1 virtual
catch ups

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