

## Suggested Resources to support Play-Based Maths and Science Webinar

### Background Reading:

Learning through Play Resource Book

<https://ccea.org.uk/learning-resources/learning-through-play-early-years>

<https://ccea.org.uk/learning-resources/learning-through-play-key-stage-1>

STEM Education Implementation Plan

<https://assets.gov.ie/43631/194126acae544b93895436013dadbefb.pdf>

STEM Education Policy Statement

<https://assets.gov.ie/79113/dc148647-fb3e-4e3e-a63b-182d7f524ba0.pdf>

SSE Update 13

<http://schoolself-evaluation.ie/primary/wp>

[content/uploads/sites/2/2019/10/Primary\\_SSE\\_UPDATE\\_13\\_FINAL\\_ENG.pdf](content/uploads/sites/2/2019/10/Primary_SSE_UPDATE_13_FINAL_ENG.pdf)

### Video Resources:

Interview with Prof. Doug Clements re. The role of interactions

<https://vimeo.com/167398222>

Using Digital Technologies to Assess Play

<https://www.pdsttechnologyineducation.ie/videos/using-digital-technologies-to-assess-play-in-aistear/>

### STEM Resources:

Junior STEM resources:

<https://www.scoilnet.ie/pdst/scienceweek/junior/>

Senior STEM resources:

<https://www.scoilnet.ie/pdst/scienceweek/senior/>

Teaching Science through story:

<https://www.stem.org.uk/teaching-science-through-stories>

SFI Discover Primary Science and Maths:

<https://www.sfi.ie/engagement/discover-primary-science-and-maths/>

Space and astronomy:

<https://esero.ie/primary-level/>

STEM picture books:

<https://padlet.com/PDSTPrimarySTEM/izr44vl4p039wf86>

**Play-Based Maths:**

Maths picture books:

<https://padlet.com/pdstprimarystem/rw2fixbunpwtmi2>

Play-Based Maths:

<https://pdst.ie/primary/stem/mathematics/early-maths>

PDST Maths Manuals:

<https://pdst.ie/primary/stem/mathematics/manuals>

**Play-Based Science:**

PDST planning for science:

<https://pdst.ie/primary/stem/science>

SFI Discover Primary Science planning guide:

<http://www.sfi.ie/engagement/discover-primary-science-and-maths/resources/teacher-created-resources/teachers-planning-guide.pdf>

Primary Science Teachers Trust (UK):

<https://pstt.org.uk/resources>

**Outdoor Learning Resources:**

[www.schoolearthed.ie](http://www.schoolearthed.ie)

<https://greenschoolsireland.org/>

**Other helpful websites:**

<https://www.stem.org.uk/primary>

<https://explorify.uk/>

<https://sciencekids.co.nz/>