

2018/2019 RDS  
STEM Learning  
Teacher Education  
Programme



Register now for the 2018/2019 RDS STEM Learning Teacher Education Programme — a 10-hour CPD programme designed to support primary school teachers undertaking science investigations in the classroom as part of their participation in Science Blast, delivered by the RDS.

# Programme Outline

## Workshop 1

*Hands-on!*

An introduction to child-led inquiry and working scientifically.

## Workshop 2

*Asking Questions.*

Starting points for generating questions and identifying problems to solve.

**The Programme will focus on investigating everyday issues in science and will be delivered by RDS STEM Learning Facilitators who are primary school teachers.**

Workshops aim to support teachers in building their confidence and skills in teaching science through inquiry and will generate a supportive learning environment where teachers can reflect on their classroom practice and share ideas and experience.

Participants will be supported to trial approaches in their classrooms and extend their learning by taking part in Science Blast, delivered by the RDS. Science Blast is a non-competitive programme for primary schools that involves the whole class investigating the science behind a question and then showcasing their work at one of three national events in the RDS Dublin (March 6 & 7, 2019), MIC Limerick (May 22–24, 2019) and Belfast Waterfront (June 5 & 6, 2019).

## Workshop 3

*Purposeful Design @ Make.*

Using history and storybooks as the context for design & make tasks.

## Workshop 4

*Everyday Science.*

Looking at current issues as a context for meaningful scientific inquiry.

*The 2018/2019 RDS STEM Learning Teacher Education Programme is an initiative of the RDS and DCU Institute of Education, delivered in partnership with Blackrock, Drumcondra, Dublin West, Kildare and Navan Education Centres.*

# Venues and Dates

## Drumcondra Education Centre

*Wednesdays from 4pm–6.30pm*

October 17 & 24 / November 7 & 14

## Blackrock Education Centre

*Mondays from 4pm–6.30pm*

October 15 & 22 / November 12 & 19

## Dublin West Education Centre

*Tuesdays from 4pm–6.30pm*

October 16 & 23 / November 6 & 13

## Kildare Education Centre

*Wednesdays from 4.30pm–7pm*

October 17 & 24 / November 7 & 14

## Navan Education Centre

*Mondays from 4.30pm–7pm*

October 8, 15 & 22 / November 5

## Bookings

Bookings should be made directly through your local Education Centre.

## Cost

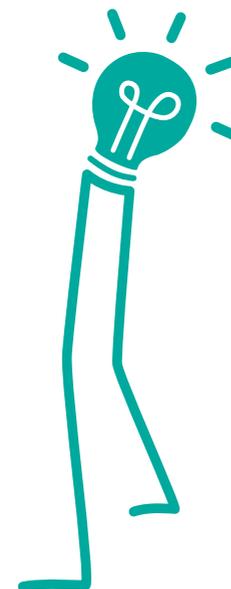
The RDS will cover tuition fees for all teachers who participate in the Autumn series.

## Course Accreditation

On completion of the 10-hour programme (4 × 2.5hr workshops), participants will be awarded a Certificate of Attendance which, at the discretion of school management, may contribute towards Croke Park requirements for the 2018/2019 school year.

## Follow on Opportunity

Participants will be entitled to reduced price entry to the RDS STEM Learning National Conference for Primary School Teachers, 'Digital technologies, science and the primary classroom' on Saturday, November 24, 2018. This one-day conference will focus on the effective use of digital tools within everyday scientific investigations using practical, hands-on and accessible approaches.





# SCIENCE BLAST

In what will be one of the largest events of its kind in the world, the first ever Science Blast, delivered by the RDS, will take place in 2019.

Science Blast is a non-competitive programme for primary schools that involves the whole class investigating the science behind a question and then showcasing their work at one of three national events in the RDS Dublin (March 6 & 7, 2019), MIC Limerick (May 22–24, 2019) and Belfast Waterfront (June 5 & 6, 2019).

For the past nine years, the RDS organised and sponsored the RDS Primary Science Fair, a science education programme that ran along the BTYSTE and which was annually over-subscribed. Science Blast, delivered by the RDS, is a new event and will have a significantly increased capacity which will enable over 500 primary schools to take part.

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