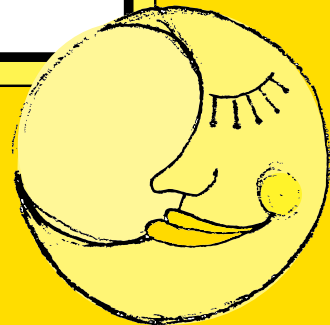


**Young  
Researchers'  
Programme**





# How to use Guide:

The purpose of this guide is to help you (the facilitator) initiate the Young Researchers' Programme in your community. We have created the following three books to help you easily navigate the programme:

## **Book #1: The Young Researchers' Programme Guidebook**

### **Table of Contents**

This section is where you will find the table of contents for the entire guide.

### **Introduction**

This section will help you decide if this programme is suitable for you and your institution. It will provide you with some information about the Young Researchers' Programme including the purpose of the programme, its origins, and the role of the facilitator.

### **Mission and Vision**

We hope this section will inspire you to carry on with our mission and fulfil our vision for the programme. It describes the current programme and our hopes for the future.

### **The Mentor Experience**

This section will help you select the best people to be mentors. The mentors are the foundation of this programme and we want them to feel as supported as possible. This section also includes some tips and tricks for the mentors to help them be successful in their role. One of the most helpful tools introduced in this section is the TASC wheel. This wheel is a vital part of the Young Researchers' Programme, so we recommend all facilitators, mentors and young researchers are acquainted with it.

### **The Young Researcher Experience**

This section highlights the role of the young researchers, as well as opportunities available to them during the programme and skills acquired upon completion of the programme.

### **Hands-on Activities**

This section covers the hands-on activities you can run in your monthly sessions. These activities stimulate critical thinking and demonstrate the necessary skills for conducting research. Within the guidebook, we have included the activities and the instructions for conducting each activity are described on the portable flash cards included in **Book #2: Hands-on Activity Flash Cards**.

## **Evaluation of the Programme**

We are always looking for feedback in order to develop and refine future iterations of the programme, therefore we have developed a series of evaluation tools that we hope you will find useful. These tools can be found in Book #3: The Resource Guide and include: a mentor survey (online tool), mentor evaluation, young researcher evaluation, a conference survey and poster and presentation assessment sheets.

## **Timeline**

This section is designed to keep you, the facilitator, on track. This is a ten-month programme with monthly meetings, public engagement events, and two conferences. We have included a template of the timeline we used when running the programme.

## **Acknowledgements**

We could not conclude the Young Researchers' Programme guidebook without thanking those who made this programme possible. Acknowledgements can be found in this section.

## **Book #2: Hands-on Activity Flash Cards**

This book is a collection of portable flash cards. These flash cards will provide you with step-by-step instructions on how to conduct each activity including the aim, key skills, and key reflections to help stimulate discussion at the end of the activity. Please feel free to get creative and change the activities to better suit your needs.

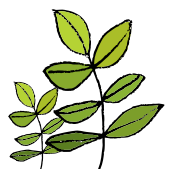


## **Book #3: The Resource Guide**

This book is home to the mentor application form, TASC Wheel, pictures and other resources needed for the hands-on activities and the different evaluation tools mentioned above.

The resources can be printed or projected during the sessions. We recommend printing the flash cards for each mentor to help keep them on track.

This concludes the “How to” section of the Young Researchers Guide. We wish you a successful journey and we hope you enjoy the Young Researchers' Programme!

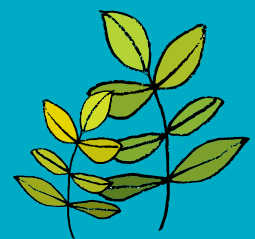


# **Book #3**



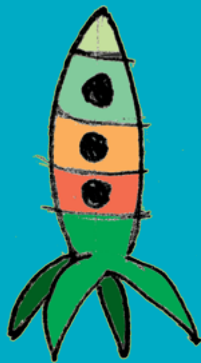
# **Young Researchers' Programme**

# **RESOURCE GUIDE**



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**Resources for hands-on activities**

**Thinking philosophically**

**Facilitation tools for meetings and workshops**

**Evaluation sheets for each session**

**Evaluation sheet for the conferences**

**Diversity and inclusion documentation**

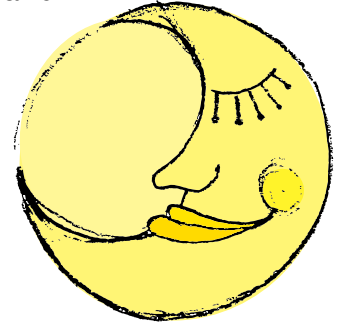
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# RESOURCES Introduction

This guide provides you with the resources you will need to run the programme including those for the hands-on activities, suggested background reading for the thinking philosophically activities, as well as the booklets for the thinking philosophically activities.

We have also added the evaluation sheets here, facilitation tools for meetings and workshops, and our diversity and inclusion policy.

Please note that to access the resources listed in this book you need to be online as the materials are all hyperlinked.



# RESOURCE LIST

1. **TASC Wheel** Book #2: [Hands-on Activity Flashcards](#) (page 2-3)
2. The resources needed for some of the hands-on activities
  - 2.a. **Session 3:** [Images for drawing through listening](#)
  - 2.b. **Session 4:** [Evaluating information and sources](#)
    - 2.b.i. [Petition](#)
    - 2.b.ii. [Research journal](#)
    - 2.b.iii. [Glossary of key terms](#)
    - 2.b.iv. [Quiz](#)
    - 2.b.v. [Portal with peer reviewed articles](#) for YRs
  - 2.c. **Session 5:** Collecting data
    - 2.c.i. [Questionnaire and profiles](#)
    - 2.c.ii. [Crime Scene Investigation material](#)
  - 2.d. **Session 6:** Public engagement through posters and presentations
    - 2.d.i. [Evaluation sheet for the poster](#)
    - 2.d.ii. [Evaluation sheet for the presentation](#)
3. **Thinking philosophically** cards: there are two different resources to do this, explore them and see which suits the needs of your group and mentors better. You can combine them along the sessions if you want.
  - 3.a. Thinking Science, University of Bristol
    - 3.a.i. [Download the booklet with all the sets of cards](#)
    - 3.a.ii. [Presentation for training mentors](#)
  - 3.b. Thinking scientifically cards
    - 3.b.i. [Webpage where you can select the activity that best suits your needs](#)
    - 3.b.ii. [Performing science cards](#)
    - 3.b.iii. [PERFORM](#) The webpage of the project with different resources
  - 3.c. Background reading: [Why philosophy is so important in science education?](#) by Subrema, E. Smith. Aeon Magazine.
4. **Facilitation tools** for meetings and workshops. [Seeds for change](#) is a portal with a plethora of activities to lead workshops and meetings. [Here](#) is the downloadable, in depth, facilitation guide
5. **Evaluation** sheets for each session
  - 5.a. [Young researcher](#)
  - 5.b. [Mentors](#)
6. **Mentor's online evaluation** for the end of the programme
7. **Evaluation sheet** for the **conferences**
8. **Diversity and inclusion** [documentation](#)