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# Diary model for participant parents of STEAM activities

## Instructions

Diaries are aimed at providing a more information about participants' self-efficacy in STEAM over an activity. Though as they are more open, they should be used with a small sample compared to the sample of the questionnaires. However, as diaries are more demanding when it comes to analyse participants' answers, they do not include other elements such as awareness or interest in STEAM or roles of STEAM in society as questionnaires do.

In this toolkit, we propose three possible diary models addressed to 10-14-year-old-kids, parents and teacher/tutors/volunteers/experts. Diaries should be periodically written over the course of an event in order to identify possible variations of participants' beliefs regarding self-efficacy.

## Diary model for participant parents

- **Name initials/Nickname**
- **Age/Date of birth:**
- **Date:**
- **Explain what you have done today in the space below**



- Explain how you felt **before** doing the activity, for example:
  - How the volunteer/educator made you feel when he/she was explaining the activity,
  - If you felt you were capable of doing it (both at personal level and with your kids, as a group family)
  - Your willingness to do the proposed activity
  - Your feelings related with topic being proposed

- Explain how you felt **during** the activity: did you had doubts? Did you feel capable of doing the activity alone? Did you feel capable of being successful as a family group? How did your kids make you feel?



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- Record the **difficulties** you had during the activity

- Record your **best achievements** during the activity **individually and as a family group**

- Explain how you feel **after** the activity: Do you feel capable of doing something similar again with your kids? Would you like to know more about what you have done today? Would you like to know more about STEM?



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- **After the activity, do you feel more, equal or less capable of doing STEAM activities in family? Explain what did you make change your feelings?**

Empty response area for the survey question.