# Module for the implementation and dissemination of the toolboxes and their learning opportunities

## Target groups

Teams

Multipliers outside the institution/team

Parents

Children

## Target

Teams/Multipliers:

The participants receive theoretical input on the topic of artificial intelligence in the kindergarten and try out the practical implementation of the learning opportunities from the toolboxes in the team, with kindergarten children, multipliers or with parents. After reflecting on this implementation, they decide which of the toolboxes they want to include in their pedagogical work in the medium to long term.

Parents:

Participants can implement the learning opportunities from the toolboxes at home.

Children:

Participants have (first) experience with AI and digital media

Structure

The guidance is divided into three stages, each relevant to a different target group:

1. Introduction:

Target groups: Teams/Multipliers

Goal: Knowledge of the content

1. Testing / implementation:

Target groups: Teams/Multipliers

Goal: Knowledge of methods

Target group parents

Goal: Knowledge of methods based on own experience

Target group children

Goal: Participants have (first) experience with AI and digital media

1. Reflection:

Target groups: Teams/Multipliers

Goal: Decision for integrating toolboxes into the pedagogical work

|  | Content | Target group | Target | Methods | Media/Material |
| --- | --- | --- | --- | --- | --- |
| Introduction | Introduction to Toolbox 1 | Team members  Multipliers outside the institution/team | Knowledge about   * Basics on the topic of "Artificial Intelligence and Kindergartens” * Functionality of the toolboxes | Variant 1: One or more participants present the Toolbox 1  Option 2: All participants work on the Toolbox 1 on the eLearning platform in self-study (registration is required beforehand). | Toolbox 1   * from the eLearning platform * from the ROBOT website under "Toolboxes |
| Introduction to Toolboxes  2-12 | Team members  Multipliers outside the institution/team | Knowledge of the toolboxes and their learning opportunities | Variant 1: One or more participants present the toolboxes 2-12  Variant 2:  All participants work with the toolboxes 2-12 on the eLearning platform in self-study.  (prior registration is required) | Toolboxes 2-12  Variant 1: from the eLearning platform (detailed toolboxes with further materials, films and information)  Variant 2: from the ROBOT website under "Toolboxes  (shorter and more practice-oriented versions of the toolboxes) |
| Testing / implementation | Testing/  Implementing the learning opportunities of the  toolboxes 2-12 | Team members | Getting to know the methods of learning opportunities for   * the application in a children's group or * Guidance for team members, multipliers, parents | Implementation of the learning opportunities of the toolboxes | * Pocket toolboxes 2-12 from the ROBOT website under "Toolboxes". * Material as described in the learning opportunities of the toolboxes |
| Multipliers outside the institution/team | Getting to know the methods of learning opportunities for   * the application in a children's group or * the guidance of team members, multipliers, parents, etc. |
| Parents | Parents know the learning opportunities from their own experience and can use them at home |
| Children's group | Children have (first) experiences with AI and digital media |
| Reflection | Documentation of the testing of the learning offers of the toolboxes 2-12 | Team members  Multipliers outside the institution/team | Documentation of the trial | Completing the reflection sheets when implementing the learning opportunities | Reflection sheet |
| Reflection on the testing of the learning opportunities of the toolboxes 2-12 | Team members  Multipliers outside the institution/team | Reflecting on the applicability of the toolboxes or their learning opportunities   * in the own facility * in their own pedagogical work * for parents at home | Evaluation of the reflection sheets at team meetings | Completed reflection sheets |
| Decision on the applicability of the toolboxes  2-12 | Team members  Multipliers outside the institution/team | Decision to integrate toolboxes into the pedagogical work | Evaluation of the experiences in implementing the learning opportunities | Evaluated reflection sheets |