

# GETTING STARTED

## CODING EXPRESS

45025 AGES 2-5 FOR 3-6 CHILDREN

This Getting Started activity card will help you introduce the Coding Express set to your preschoolers. The activities are designed to familiarize children with the unique elements of the set, which include a train engine and action bricks. After completing some or all of these activities, you can download the Teacher Guide for more in-depth activities related to early coding skills.



## LEARNING OBJECTIVES

### Early Technology & Science

- Exploring and using simple technology
- Understanding cause and effect
- Making predictions and observations
- Developing computational thinking
- Developing spatial thinking

Download the teacher guide:  
[LEGOeducation.com/preschoolsupport](https://LEGOeducation.com/preschoolsupport)



### Five steps to a great start:

- 1 Demonstrate how to lay the track pieces. Let the children discover the different shapes the tracks can make. Encourage them to experiment with the track switches and red rail stoppers. Have them build a track with three or four different end points.
- 2 Choo-choo! Introduce the train engine. Demonstrate how to start and stop the engine, then have each child take a turn starting and stopping it. Show them how to move the engine from one end of the track to the other so that everyone can have a turn.
- 3 Show the children how to position the action bricks along the train track. Ask them to lay one of the action bricks on the track and then start the engine. Have them describe



## TEACHER TIPS

- The building cards provide inspiration to help the children build their models. Green cards – less challenging models. Blue cards – more challenging models.
- They can also design and build their own unique models.

what they observe when the engine goes over the action bricks. Repeat this for all of the action bricks and then let the children experiment with the bricks in free play.

- 4 Show the children the building cards one at a time and ask them to describe what they see. Ask whether they have been to any of the places shown on the cards and to recount their experiences. Have the children work together to build at least three of the places shown on the building cards.
- 5 Now put all of the pieces together! Ask the children to place their models along the track. Encourage them to use the engine and the action bricks to transport figures to and from the different destinations along the track.



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# The Getting Started Card, Teacher Guide and other support materials are available in more languages online [LEGOeducation.com/preschoolsupport](https://LEGOeducation.com/preschoolsupport)

La carte d'activité de mise en route, le Guide de l'éducateur et les autres documents d'accompagnement sont disponibles dans plusieurs langues en ligne.

La tarjeta de actividades Para Empezar, la Guía del profesor y otros materiales de ayuda están disponibles en línea.

La scheda di attività Guida introduttiva, la Guida dell'insegnante e altro materiale di supporto sono disponibili in altre lingue online.

O cartão de atividades de Introdução, o Guia do Professor e outros materiais de apoio estão disponíveis online em mais idiomas.

Az első lépések foglalkoztatókártya, a tanári útmutató, és más segédanyagok több nyelven elérhetők online.

Darba sāksanas buklets, pedagoga rokasgrāmata un citi atbalsta materiāli citās valodās ir pieejami tiešsaistē vietnē.

入门活动卡片、教师指南及其它辅助材料的更多语言版本已上线

かの言語でのアクティビティカード、教師用ガイド、その他のサポート資料はオンラインからご利用いただけます

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Карточки «Первые шаги», Руководство для педагога и прочие вспомогательные материалы на других языках можно загрузить с веб-сайта.

Aktivitetskortet "Kom godt i gang", lærervejledningen og andet støttemateriale er tilgængelige på flere sprog online.

Aktivitetskortet Kom i gang, lærerveiledningen og annet støttemateriale er tilgjengelig på flere språk online.

Kom igång-kortet, lärarhandledningen och annat stödmaterial finns tillgängligt på fler språk online.

De activiteitenkaart Aan de slag, de handleiding voor leerkrachten en ander ondersteunend lesmateriaal zijn online in meer talen beschikbaar.

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## BUILDING CARDS



## TEACHER GUIDE



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