

## Intelino Teacher's Quick Start Guide

### 1. Teacher Preparation

#### Unboxing

**Open** the intelino J-1 box. It contains: engine, wagon, tracks, snaps, command sheet, charging cable.

**Storage:** keep the engine, wagon, tracks, snaps, and command sheet in the original box or in a small storage box (not included in the starter pack). Take out the charging cable and store it in a convenient place.

**Tip:** We found it extremely useful to use a [storage box](#) (size 6 quarts/7 liters) to hold all the supplies for the students. It made preparation and cleanup fast and easy.

#### Charging

**Charge** engine using the supplied USB charging cable.

The LED above the charging port will be **green** when the engine is fully charged. This may take up to one hour if charging from an empty battery. The engine's LED will pulsate in a **red** light when it's time to charge again.

**Tip:** If you have more than one engine, use a multi-port charger (not included in the starter pack) like [this one](#). Keep multi-port chargers and charging cables in a box separate from the tracks, snaps and engines that are used in the classroom.

#### Getting the App

**Download** the intelino app on your iOS or Android device. Find more info about the app here: [intelino.com/app](https://intelino.com/app).

#### Getting Familiar

**Try it out!** Assemble a track, let the train ride, use snaps, or control the train with the app. This is the fun part!

**More info** in the Quick Start Guide from the package and at [intelino.com/support](https://intelino.com/support).

## 2. Classroom Preparation

### In the Classroom

**Group Sizes:** we found that groups of 3-5 students work best. It's a balance - we want students to learn how to work in teams but give every kid a chance to interact with the train.

Give one or more **roles** to every student in the group, rotate the roles in every session:

**Group manager:** reads the assignment, records notes and answers, makes sure that all engineers stay on task.

**Track engineer:** responsible for the track and action snaps.

**Locomotive engineer:** drives the engine and wagon.

**Tablet engineer:** handles the tablet or phone device (this role doesn't apply to screen-free sessions).

**Programmers:** everyone on the team contributes to discussing and finding the correct action snap or command, answering the quizzes, and finding problem solutions.

### Lesson Plans

**Training courses:** we recommend you start with the Snap Training course. It teaches intelino basics in a truly STEM-integrated setting. Younger students may need a bit of help from you, but this age-segmented course is designed to be self-guided. The App Training course is coming soon!

#### Beyond training:

- We are working on many more lesson ideas for J-1, so check back often!
- Prof. Richard Born has been taking intelino to a new level by adding the PocketLab sensor! See his amazing lessons here: [thepocketlab.com/search/node?keys=intelino](http://thepocketlab.com/search/node?keys=intelino)
- And we also want to hear from you! Tell us how you are using intelino in your classroom. Email us at [edu@intelino.com](mailto:edu@intelino.com).

### Other Resources

If you would like to print more copies of the command sheet, you can find the PDF version of it as well as the user guide that comes in the package here: [intelino.com/pages/user-guide](http://intelino.com/pages/user-guide).

Please email us at [edu@intelino.com](mailto:edu@intelino.com) with any questions or suggestions. We want to know what works best for you!

*Thanks for introducing intelino in your classroom,  
The intelino edu team.*