WELCOME TO DRONE 101

You just joined the drone revolution with your students!

This booklet will give you some guidance on integrating drones in your classroom. You will be teaching students about block and text coding and even creating advanced piloting patterns and interfaces. Already used by more than 500 schools across the US, from elementary schools to high schools, Parrot Mambo is one of the few minidrones that is safely operable in a classroom environment. It is the perfect companion to get your students excited about drone technology and coding!

Make sure you are flying in a dedicated and clear area. We also recommend wearing safety glasses, especially for children.

Getting started with Parrot Mambo

Before flying, please make sure you update the drone’s software to the latest version available. Using Parrot FreeFlight Mini app, you can also rename all your drones for an easier identification in the classroom.

You will find all the instructions online on www.parrot.com
CONTACT

Customer Support:  
www.parrot.com

Twitter:  
@ParrotEducation

Follow us and share your students’ best projects online. Who knows, you might even become one of our teacher ambassadors! We also organize monthly contest / giveaway.
Become an accomplished programmer using Parrot minidrones and Tynker’s intuitive visual programming language.

Tynker is a creative computing platform where millions of children have learned to program and built games, apps and more.

Tynker offers 2 interfaces:

- The student interface lets you code and access lessons and quizzes
- The teacher interface lets you assign lessons and monitor the students’ results.

Redeem your Tynker Drone 101 license using the code from your box. www.tynker.com
SWIFT PLAYGROUNDS

Fly, code and learn with Parrot Minidrones and Swift Playgrounds!

You will learn how to program and pilot your Parrot drone using the power of Swift code. You will code your drone to takeoff, land, move in all directions, make aerobatic figures, and even control accessories.

You will start with the basic commands, solve some puzzle and challenges, master advanced commands and learn how to program accessories.

Finally, you will write some code to control the drone with iPad sensors!

www.apple.com/swift/playgrounds/
Powered by Workbench platform, Parrot Flight School allows teachers to create, share and adapt projects to fit seamlessly into their everyday curriculum. Additionally, the minidrones can be coded directly in a web browser.

Workbench is the only online hub where schools and districts deploy Project-Based Learning across all schools.

https://edu.workbencheducation.com
A passionate developer and educator has written a book to discover drone coding using blocks. It covers Basic and Intermediate level coding with Tynker.

You can download it for free and/or order a printed version directly from Amazon.

Parrot®
EDUCATION

Hello!

My Project 1
Code
Stage

Common

when actor touched
repeat 10
if true then
wait 1 secs

when actor touched
stack

take off
forward for 1 seconds
turn right by 180 degrees
forward for 1 seconds
land