

# CLOJURE LEARNING

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*Possibilities for a Los Angeles Outreach*

# OUTLINE

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- Curriculum
- Tools
- Target Audience
- Approaches
- Promotion Partners



# CURRICULUM

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- Clojure Bridge
  - maria.cloud
  - timothypratley.github.io/power-turtle
- Klipse For Kids
- clojure.org/learn
- Living Clojure
- 4Clojure
- exercism.io/languages/clojure
- clojureacademy.com – katas
- Clojure Koans
- Clojure from the ground up
- Free PurelyFunctional videos
- Adapt a non-Clojure curriculum
- SICP

# CLOJURE BRIDGE

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- [closurebridge.github.io/curriculum](https://closurebridge.github.io/curriculum)
- [github.com/ClosureBridge/curriculum/blob/gh-pages/README.md](https://github.com/ClosureBridge/curriculum/blob/gh-pages/README.md)
- [github.com/ClosureBridge/organizing/blob/master/Minimum-Viable-Workshop.md](https://github.com/ClosureBridge/organizing/blob/master/Minimum-Viable-Workshop.md)
- Here's what you need for a minimum viable workshop:
  - A space
  - Teachers
  - Participants
  - Teacher Training (as late as during the Installfest)
  - Installfest (Friday night)
  - Workshop (Saturday day)



# MARIA.CLOUD

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- Tested at ClojureBridge
- [maria.cloud](#)
- [maria.cloud/curriculum](#)
- [Learn Clojure with Shapes](#)
- [What If?](#)
- [Welcome to Cells](#)
- [Curriculum details](#)

# POWER TURTLE

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- [timothypratley.github.io/  
power-turtle](https://timothypratley.github.io/power-turtle)
- [Lessons](#)
- [Freestyle](#)





## KLIPSE FOR KIDS

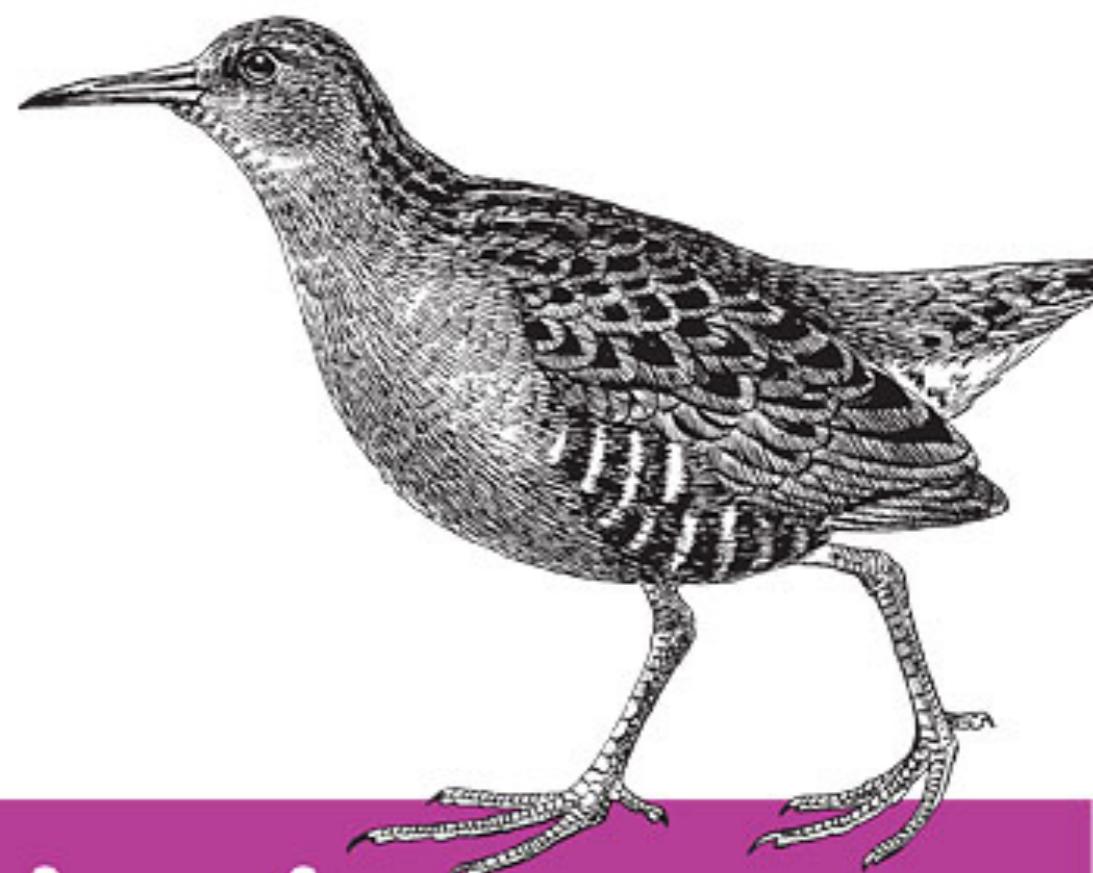
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- [kids.klipse.tech](https://kids.klipse.tech)
- Intro-level content for non-programmers.
- 7 chapters available
  - Looks incomplete / stalled
  - Use of klipse is awesome

# LIVING CLOJURE

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- Yes, it is a for-money book.
- Much of the learning leans on internet supplied content.
  - 4Clojure used heavily
  - Wonderland Katas
- Built into “day-by-day” plan, which may work as class plan



# Living Clojure

AN INTRODUCTION AND TRAINING PLAN FOR DEVELOPERS



## REMAINING CURRICULUM

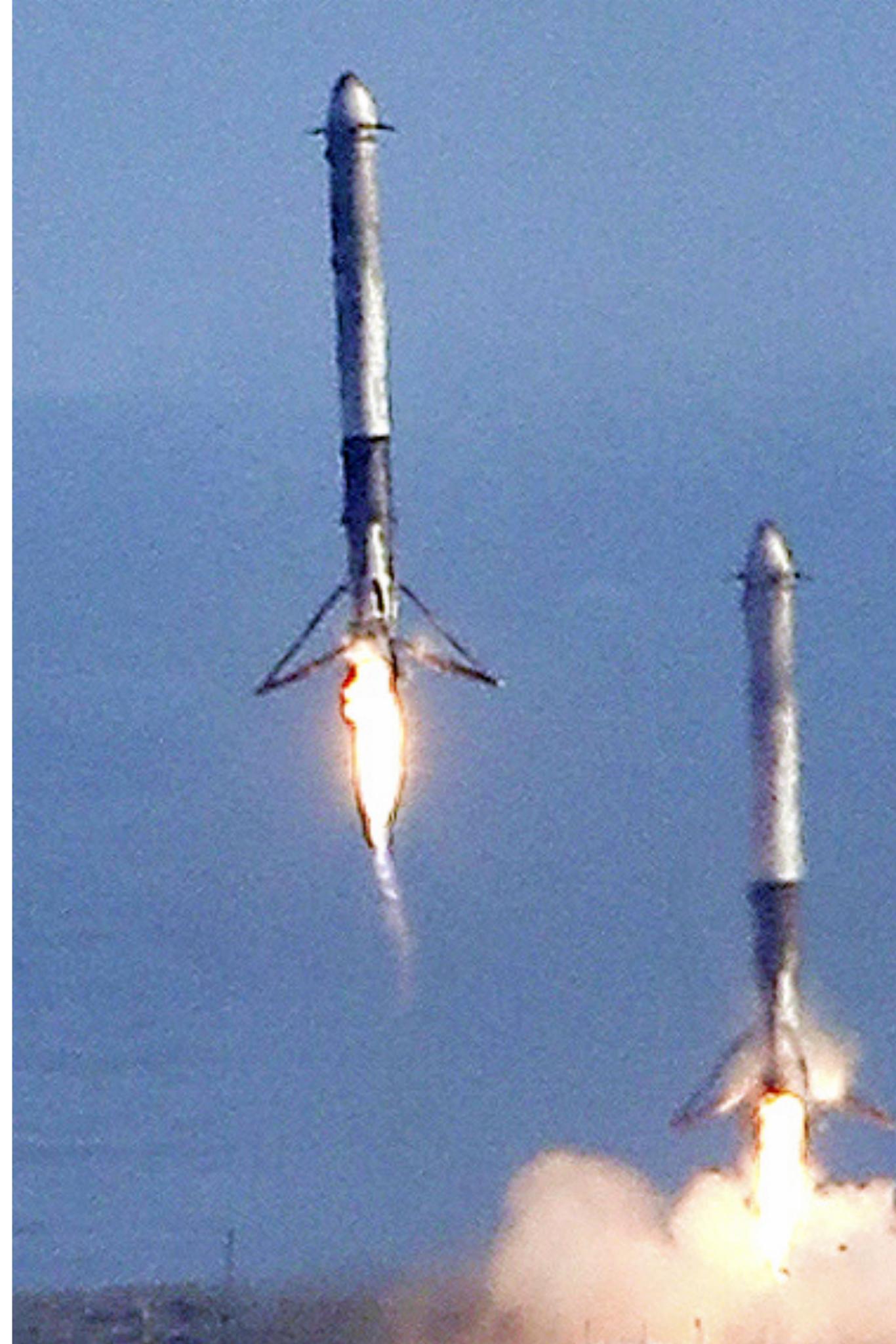
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- [4Clojure.org](http://4Clojure.org)
- [exercism.io/languages/clojure](https://exercism.io/languages/clojure)
- [clojureacademy.com](http://clojureacademy.com)
  - [Katas](#)
  - [DSL](#)
- [ClojureKoans.com](http://ClojureKoans.com)
- [Clojure from the ground up](#)
- [Free PurelyFunctional.tv videos](#)
- Adapt a non-Clojure curriculum
  - [SICP & videos](#)

# TOOLS

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- Klipse
- LightTable
- Nightcoders.net
- Nightlight
- Atom
- Maria
- Power-turtle
- ClojureAcademy DSL
- Cursive
- Bring-your-own





## TARGET AUDIENCE

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- Non Programmers
- School-Age Learners
- Non-Clojure Programmers
- REPL-focussed
- Syntax-focussed
- Early Clojure Programmers
- Specific Skillset for Clojurists
- REPL mastery
- Debugging tools
- Spec
- React / ReactNative

# APPROACHES

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- Single-Session
- Evening + Next Day
- Short Meetup Series (3-6)
- Long Meetup Series
- Online Content
  - Extend [clojure.org/learn](http://clojure.org/learn)
  - ClojureAcademy DSL
- Adopt an Open Source project
- Pipeline to Bootcamp
- Pipeline to Apprenticeship





# PROMOTIONAL PARTNERS

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- Code teaching groups
  - Girls Who Code
  - Operation Code
  - Learn To Code meetups
  - Look at Mined Minds
    - [vimeo.com/191208861](https://vimeo.com/191208861)
- Apprentice programs
  - 8th Light and others
- Podcasts
  - Cognicast
  - Functional Geekery

# OTHER LINKS OF INTEREST

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- [robots.thoughtbot.com/tips-for-clojure-beginners](https://robots.thoughtbot.com/tips-for-clojure-beginners)
- [rubberducking.com/2018/03/my-observations-from-evangelizing.html](https://rubberducking.com/2018/03/my-observations-from-evangelizing.html)
- [luchini.nyc/posts/2018-03-07-12-things-i-learned-evangelizing-clojure-at-work/](https://luchini.nyc/posts/2018-03-07-12-things-i-learned-evangelizing-clojure-at-work/)
- [stuttaford.me/2018/02/18/a-clojure-learning-journey](https://stuttaford.me/2018/02/18/a-clojure-learning-journey)
- REPL-driven development [vimeo.com/223309989](https://vimeo.com/223309989)
- [Lessons Learned from Adopting Clojure](#)
- [Why Clojure?](#)