

I'll expand the plan to include crucial micro topics that should be mastered under each day's main theme.

Day 1: CSS Fundamentals

Main Topics:

- 20 min: Review basic syntax, selectors, and properties
- 40 min: Practice exercises
- 30 min: Profile card project

Micro Topics to Master:

1. Selectors:

- Type, class, and ID selectors
- Attribute selectors [attr=value]
- Descendant selectors (space)
- Child selectors (>)
- Adjacent sibling selectors (+)
- Pseudo-classes (:hover, :first-child, :nth-child)

2. Basic Properties:

- color and background properties
- font-family, font-size, font-weight
- text-align, line-height, letter-spacing
- cursor properties
- opacity and visibility

Day 2: Box Model & Layout Basics

Main Topics:

- 20 min: Box model study
- 40 min: Practice exercises
- 30 min: Product card project

Micro Topics to Master:

1. Box Model Components:

- content-box vs border-box
- outline vs border
- margin collapsing rules
- negative margins
- box-sizing property

2. Display Properties:

- block vs inline vs inline-block
- overflow handling
- visibility vs display: none
- float and clear

Day 3: Flexbox

Main Topics:

- 15 min: Flexbox concepts
- 45 min: Practice exercises
- 30 min: Navigation bar project

Micro Topics to Master:

1. Container Properties:

- flex-flow shorthand
- align-content vs align-items
- gap properties
- flex-wrap behavior

2. Item Properties:

- flex-grow, flex-shrink, flex-basis
- align-self
- order
- flex shorthand

Day 4: CSS Grid

Main Topics:

- 20 min: Grid fundamentals
- 40 min: Practice exercises
- 30 min: Gallery project

Micro Topics to Master:

1. Grid Container:

- fr units and auto
- minmax() function
- repeat() function
- auto-fit vs auto-fill
- grid-template-areas syntax

2. Grid Items:

- span keyword
- grid-column/row shorthand
- grid placement strategies
- overlapping elements

Day 5: Responsive Design

Main Topics:

- 20 min: Media queries
- 40 min: Responsive layouts
- 30 min: Project conversion

Micro Topics to Master:

1. Units:

- rem vs em
- vh and vw
- calc() function
- min() and max() functions
- clamp()

2. Media Queries:

- breakpoint strategies
- orientation queries
- print stylesheets
- container queries
- feature queries (@supports)

Day 6: Advanced Concepts

Main Topics:

- 20 min: Transitions/animations
- 40 min: Practice effects
- 30 min: Animation integration

Micro Topics to Master:

1. Transitions:

- timing functions
- delays
- multiple transitions

- hardware acceleration
- will-change property

2. Animations:

- keyframe syntax
- animation-fill-mode
- animation direction
- steps() function
- performance optimization

Day 7: Modern CSS & Project Work

Main Topics:

- 20 min: Modern CSS features
- 40 min: Positioning study
- 30 min: Landing page project

Micro Topics to Master:

1. Modern Features:

- CSS custom properties (variables)
- CSS Modules
- @layer
- :is() and :where()
- aspect-ratio property

2. Positioning:

- sticky positioning
- stacking contexts
- fixed vs absolute
- transform-origin
- perspective

Advanced Concepts to Explore:

1. CSS Architecture:

- BEM methodology
- CSS-in-JS
- Utility-first CSS
- CSS Modules
- CSS Custom Properties

2. Performance:

- Critical CSS
- Loading strategies
- Paint performance
- Composite layers
- Browser rendering

Practice Projects for Each Day:

1. Day 1: Style a blog post with proper typography
2. Day 2: Create a pricing card with good spacing
3. Day 3: Build a responsive navbar with dropdown
4. Day 4: Design a masonry-style gallery
5. Day 5: Convert a desktop design to mobile
6. Day 6: Create a micro-interactions library
7. Day 7: Build a modern landing page

Would you like me to elaborate on any of these topics or provide specific exercises for practicing them?