

Category	Sub Category	Topic	2-4 yrs	Actual (What you're currently aware of)
Basics	Dev Environment	Flutter CLI	Y	Advanced
		Android Studio	Y	Intermediate
		Visual Studio	Y	Advanced
		DartPad	Y	Advanced
	Dart Basics	OOPs	Y	Intermediate
		Variables	Y	Advanced
		Built-in Types	Y	Advanced
		Functions	Y	Advanced
		Control Flow Statements	Y	Intermediate
		Operators	Y	Advanced
	Widgets	Material Widgets	Y	Advanced
		Cupertino Widgets	Y	Advanced
		Material Design	Y	Intermediate
		Inherited Widgets	Y	Intermediate
		Stateful Widgets	Y	Advanced
		Stateless Widgets	Y	Advanced
		Styled Widgets	Y	Intermediate
	Assets	Fonts	Y	Advanced
		Images	Y	Advanced
		Other File types	Y	Intermediate
	Version Control	Git	Y	Advanced
	Repo Hosting	Github	Y	Advanced
		Bitbucket	O	Advanced
		Gitlab	O	Advanced
	Design Principles	Dependency Injection	O	Intermediate
		Design Patterns	Y	Intermediate
		SOLID Principles	O	Beginner
		Observers	Y	Intermediate
		Command	O	Beginner
		Builder	Y	Advanced
		State	Y	Intermediate
		Factory	Y	Intermediate
		Composite	O	Intermediate
	Pub.dev	Y	Advanced	

Legend	
Y	Must Have
O	Good to have
N	Not required

Flutter	Package Manager	CocoaPods	Y	Intermediate
		Gradle	Y	Intermediate
		Popular Plugins	Y	Intermediate
		Flutter PUB	Y	Intermediate
		Dart PUB	Y	Intermediate
	Networking	Web Sockets	O	
		GraphQL	O	
		RESTful APIs	Y	Intermediate
		JSON	Y	Intermediate
	Storage	Simple Persistence	Y	Intermediate
		Serialiser	Y	Intermediate
		SQLite	Y	Intermediate
		Shared Preferences	Y	Intermediate
		Local Storage	Y	Intermediate
		Keychain	Y	Intermediate
		Keystore	Y	Intermediate
	Architectural Patterns	MVC	Y	Intermediate
		MVVM	Y	Intermediate
		Unidirectional Data Flow	Y	Intermediate
		Lifting State	Y	Intermediate
		Hexagonal Architecture	O	
	Testing	TDD	Y	Intermediate
		BDD	Y	Intermediate
		Unit Testing	Y	Intermediate
		Integration Testing	O	
		Widget Testing	Y	Intermediate
	State Management	Change Notifier	Y	Intermediate
Value Notifier		Y	Intermediate	
Redux		O		
Riverpod		Y	Intermediate	
BLoC		Y	Beginner	
Provider		Y	Intermediate	
Get		Y	Intermediate	
Advanced Dart	RxDart	Y	Advanced	
	Lists	Y	Intermediate	
	Collections	Y	Intermediate	
	Lambdas	Y	Intermediate	
	Functional Programming	Y	Intermediate	

Advanced Dart	Isolates	Y	Intermediate
	Async / Await	Y	Intermediate
	Core Libraries	Y	Intermediate
	Streams	Y	Intermediate
	Futures	Y	Intermediate
Animations	Hero	Y	Intermediate
	Curved Animation	Y	Intermediate
	Opacity	Y	Intermediate
	Animation Controller	Y	Intermediate
	Animated Builder	Y	Intermediate
	Animated Widget	Y	Intermediate
Langauages	kotlin	Y	Beginner
	Java	Y	Beginner
	Swift	Y	Beginner
	Objective C	Y	Beginner
	FFIgen	O	
	JNIgen	O	
Dev Tools	Flutter Inspector	Y	Intermediate
	Flutter Outline	Y	Intermediate
	Memory Allocation	Y	Intermediate
	Profiling	Y	Beginner
	Leaks	Y	Intermediate
	Performance	Y	Intermediate
Flutter Internals	Framework Architecture	Y	Intermediate
	Dart VM	Y	Intermediate
	Render Objects	Y	Intermediate
	Layouts	Y	Intermediate
	Immutability	Y	Intermediate
CI / CD	Fastlane	Y	Beginner
	Codemagic	O	
	Bitrise	O	
	Github Actions	Y	Beginner
	Firebase App Distribution	O	
Beyond Mobile	Flutter Web	Y	Intermediate
	Flutter Desktop	O	Beginner
	Server	O	
Security	OWASP MASVS	Y	Beginner
	freeRASP	Y	Intermediate

Analytics	Segment	Y	Beginner
	Mixpanel	Y	Beginner
	Firebase Analytics	Y	Intermediate
	Google Analytics	Y	Intermediate
	Crash logging	Y	Intermediate
	A/B Testing	Y	Intermediate
Deployment	App Store and Console	Y	Intermediate
	Play Store and Console	Y	Intermediate
	Firebase Deploy for Flutter Web	Y	Intermediate
	Guidelines and Protocols for Respective Platform	Y	Intermediate
Firebase	Authentication	Y	Intermediate
	Storage	Y	Intermediate
	Firestore	Y	Intermediate
	Push Notifications	Y	Intermediate
	Remote Config	Y	Intermediate
	Cloud Functions	O	