

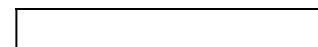
Category	Sub Category	Topic	2-4 yrs	Actual (What you're currently aware of)
Basics	Dev Environment	Flutter CLI	Y	Advanced
		Android Studio	Y	Advanced
		Visual Studio	Y	Advanced
		DartPad	Y	Advanced
	Dart Basics	OOPs	Y	Advanced
		Variables	Y	Advanced
		Built-in Types	Y	Advanced
		Functions	Y	Advanced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

Legend
Y
O
N

	State	Y	Intermediate
	Factory	Y	Advanced
	Composite	O	Intermediate
Package Manager	Pub.dev	Y	Advanced
	CocoaPods	Y	Intermediate
	Gradle	Y	Intermediate
	Popular Plugins	Y	Intermediate
	Flutter PUB	Y	Intermediate
	Dart PUB	Y	Intermediate
Networking	Web Sockets	O	Advanced
	GraphQL	O	Advanced
	RESTful APIs	Y	Advanced
	JSON	Y	Advanced
Storage	Simple Persistence	Y	Advanced
	Serialiser	Y	Advanced
	SQFlite	Y	Advanced
	Shared Preferences	Y	Advanced
	Local Storage	Y	Advanced
	Keychain	Y	Advanced
	Keystore	Y	Advanced
Architectural Patterns	MVC	Y	Advanced
	MVVM	Y	Advanced
	Unidirectional Data Flow	Y	Intermediate
	Lifting State	Y	Advanced
	Hexagonal Architecture	O	Advanced
Testing	TDD	Y	Intermediate
	BDD	Y	Intermediate
	Unit Testing	Y	Advanced
	Integration Testing	O	Intermediate
	Widget Testing	Y	Advanced
	Change Notifier	Y	Advanced
	Value Notifier	Y	Advanced
	Redux	O	Beginner

Flutter	State Management	Riverpod	Y	Advanced
		BLoC	Y	Advanced
		Provider	Y	Advanced
		Get	Y	Advanced
	Advanced Dart	RxDart	Y	Advanced
		Lists	Y	Advanced
		Collections	Y	Advanced
		Lambdas	Y	Advanced
		Functional Programming	Y	Advanced
		Isolates	Y	Advanced
		Async / Await	Y	Advanced
		Core Libraries	Y	Advanced
		Streams	Y	Advanced
		Futures	Y	Advanced
	Animations	Hero	Y	Advanced
		Curved Animation	Y	Advanced
		Opacity	Y	Advanced
		Animation Controller	Y	Advanced
		Animated Builder	Y	Advanced
		Animated Widget	Y	Advanced
	Languauges	kotlin	Y	Intermediate
		Java	Y	Intermediate
		Swift	Y	Beginner
		Objective C	Y	Beginner
		FFIgen	O	Beginner
		JNIgen	O	Beginner
	Dev Tools	Flutter Inspector	Y	Advanced
Flutter Outline		Y	Advanced	
Memory Allocation		Y	Advanced	
Profiling		Y	Advanced	
Leaks		Y	Advanced	
Performance		Y	Advanced	
Framework Architecture		Y	Advanced	

Flutter Internals	Dart VM	Y	Advanced
	Render Objects	Y	Advanced
	Layouts	Y	Advanced
	Immutability	Y	Advanced
CI / CD	Fastlane	Y	Beginner
	Codemagic	O	Advanced
	Bitrise	O	Advanced
	Github Actions	Y	Advanced
	Firebase App Distribution	O	Advanced
Beyond Mobile	Flutter Web	Y	Advanced
	Flutter Desktop	O	Advanced
	Server	O	Intermediate
Security	OWASP MASVS	Y	Beginner
	freeRASP	Y	Beginner
Analytics	Segment	Y	Beginner
	Mixpanel	Y	Advanced
	Firebase Analytics	Y	Advanced
	Google Analytics	Y	Advanced
	Crash logging	Y	Advanced
	A/B Testing	Y	Advanced
Deployment	App Store and Console	Y	Advanced
	Play Store and Console	Y	Advanced
	Firebase Deploy for Flutter Web	Y	Advanced
	Guidelines and Protocols for Respective Platform	Y	Advanced
Firebase	Authentication	Y	Advanced
	Storage	Y	Advanced
	Firestore	Y	Advanced
	Push Notifications	Y	Advanced
	Remote Config	Y	Advanced
	Cloud Functions	O	Intermediate



Must Have
Good to have
Not required

