

Category	Sub Category	Topic	2-4 yrs	Actual (What you're currently aware of)			
Basics	Dev Environment	Flutter CLI	Y	Intermediate			
		Android Studio	Y	Intermediate			
		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			
Flutter	Widgets	Material Widgets	Y	Advanced			
		Cupertino Widgets	Y	Intermediate			
		Material Design	Y	Intermediate			
		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	Intermediate			
		Design Patterns	Y	Intermediate			
		SOLID Principles	O	Intermediate			
		Observers	Y	Advanced			
		Command	O	Intermediate			
		Builder	Y	Intermediate			
		State	Y	Advanced			
		Factory	Y	Intermediate			
		Composite	O	Intermediate			
	Package Manager	Pub.dev	Y	Advanced			
		CocoaPods	Y	Intermediate			
		Gradle	Y	Intermediate			
		Popular Plugins	Y	Intermediate			
		Flutter PUB	Y	Advanced			
	Networking	Dart PUB	Y	Advanced			
		Web Sockets	O	Intermediate			
		GraphQL	O	Beginner			
		RESTful APIs	Y	Advanced			
	Storage	JSON	Y	Advanced			
		Simple Persistence	Y	Intermediate			
		Serialiser	Y	Intermediate			
		SQLite	Y	Intermediate			
		Shared Preferences	Y	Advanced			
		Local Storage	Y	Advanced			
	Architectural Patterns	Keychain	Y	Beginner			
		Keystore	Y	Beginner			
		MVC	Y	Intermediate			
		MVVM	Y	Advanced			
		Unidirectional Data Flow	Y	Advanced			
	Testing	Lifting State	Y	Advanced			
		Hexagonal Architecture	O	Intermediate			
		TDD	Y	Advanced			
		BDD	Y	Intermediate			
		Unit Testing	Y	Advanced			
	State Management	Integration Testing	O	Advanced			
		Widget Testing	Y	Advanced			
		Change Notifier	Y	Intermediate			
		Value Notifier	Y	Intermediate			
		Redux	O				
		Riverpod	Y	Advanced			
		BLoC	Y	Intermediate			
	Advanced Dart	Provider	Y	Advanced			
		Get	Y	Advanced			
		RxDart	Y	Intermediate			
		Lists	Y	Advanced			
		Collections	Y	Advanced			
		Lambdas	Y	Advanced			
		Functional Programming	Y	Advanced			
		Isolates	Y	Intermediate			
		Async / Await	Y	Advanced			
		Core Libraries	Y	Intermediate			
	Animations	Streams	Y	Advanced			
		Futures	Y	Advanced			
		Hero	Y	Advanced			
		Curved Animation	Y	Intermediate			
		Opacity	Y	Advanced			
		Animation Controller	Y	Intermediate			
	Languages	Animated Builder	Y	Intermediate			
		Animated Widget	Y	Intermediate			
		kotlin	Y	Beginner			
		Java	Y	Beginner			
		Swift	Y	Beginner			
		Objective C	Y	Beginner			
	Dev Tools	FFIgen	O				
		JNIgen	O				
		Flutter Inspector	Y	Advanced			
		Flutter Outline	Y	Advanced			
		Memory Allocation	Y	Intermediate			
		Profiling	Y	Intermediate			
	Flutter Internals	Leaks	Y	Intermediate			
		Performance	Y	Intermediate			
		Framework Architecture	Y	Beginner			
		Dart VM	Y	Beginner			
		Render Objects	Y	Intermediate			
	CI / CD	Layouts	Y	Advanced			
		Immutability	Y	Advanced			
		Fastlane	Y	Beginner			
		Codemagic	O				
	Beyond Mobile	Bitrise	O				
		Flutter Web	Y	Advanced			
		Flutter Desktop	O	Advanced			
Security	Server	O	Beginner				
	OWASP MASVS	Y	Beginner				
Analytics	freeRASP	Y	Beginner				
	Segment	Y	Beginner				
	Mixpanel	Y	Beginner				
	Firestore	Y	Advanced				
	Google Analytics	Y	Beginner				
Deployment	Crash logging	Y					
	A/B Testing	Y					
	App Store and Console	Y	Advanced				
	Play Store and Console	Y	Advanced				
Firebase	Firestore	Y	Advanced				
	Push Notifications	Y	Intermediate				
	Remote Config	Y	Intermediate				
	Cloud Functions	O	Intermediate				
	Guidelines and Protocols for Respective Platform	Y	Intermediate				
	Authentication	Y	Advanced				
	Storage	Y	Advanced				
					Legend		
					Y	Must Have	
					O	Good to have	
					N	Not required	