This book is designed for librarians who offer library instruction within the constraints of the hour-long one-shot. We describe using the Lesson Study method to redesign undergraduate research instruction while working with faculty from academic departments, winnowing the one-shot down to a manageable active learning experience while simultaneously augmenting it with extra-sessional prerequisites and learning activities. We also discuss how to conceptualize the role of the one-shot within a course, a curriculum, and the larger information literacy goals of the institution. This book offers customizable strategies, sample lesson plans, and generalized observations based on the experiences of the authors.