Active Mathematics For Human Flourishing

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Introduction

A Note to Students

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Part I

Play

One of the fundamental human desires is for *play*. In recent years, ancient games and puzzles such as Go, Nim, and Chess have given way to a slew of new games, many of which can be understood and analyzed with mathematical thinking. In this part, we explore play in two contexts: the classic Rubik's cube puzzle, and the game of chess.

Chapter 1

The Rubik's Cube

1.1 Getting To Know the Cube

Introduction goes here.

Question.

What does it mean to be *playful* in your own major discipline?

Investigation 1.1.1 In pairs, investigate your cubes. What do you notice? What do you wonder? Make a list of as many observations and questions as you can.

Part II

Truth

Test introduction

Chapter 2

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Chapter 3

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Part III

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Test introduction

Chapter 4

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