牛顿中文学校 2020 年春季课程表 AoPS: Intro to Number Theory, Ms. Lijia Li, Room 206						
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**NC Reason**
January	5	12	19 1. Integers: The Basics	26 2. Primes and Composites		
February	2 3. Multiples and Divisors	9 4. Prime Factorization	16 (NC)	23 (NC)		Winter Vacation
March	1 5. Divisor Problems	8 6. Special Numbers	15 Midterm Exam	22 7. Algebra with Integers	29 8. Base Number Systems	
April	5 9. Base Number Arithmetic	12 (NC)	19 (NC)	26 (NC) (or make up for snow day)		Easter Spring Vacation
May	3 10. Units Digits	10 11. Decimals and Fractions	17 12. Intro to Modular Arithmetic	24 (NC)	31 13. Divisibility Rules	Memorial Day
June	7 14. Linear Congruences	14 15. Number Sense	21 Final Exam			

Book:
AOPS, "Introduction to Number Theory", by Mathew Crawford
Purchase textbook online: https://artofproblemsolving.com/store/item/intro-number-theory