

剑桥中文学校教学计划 (Fall /2011-2012 —— Spring /2011-2012)

年级 4 学科 数学 教师 丁是

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日期	教学内容	掌握的基础知识和技能	教学重点及难点	课时	作业	辅助教材
09月 11日 11年	Compare and Pattern Evaluation of Study	Observation and judgments With basic mathematics Knowledge	Understand the concepts and make use of it in different situations	2	Selected math and challenge problems in MCAS and Math League.	Provide multiple sources include Official test Problems; MCAS & Math League
09月 18日& 25日 11年	Number sense and Operations	Use addition and subtraction In the fun and practical problems	Logic thinking and good judgments	4	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League
10月 2日 11年	加法和减法 Continue Number Pattern and Relations	Understand the concepts and Make use of them in real life	Understand the concepts and Make use of it in different situations	2	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League
10月 9日 11年	Scale example Introduction to equation Solve unknown	Understand the concept of equation, finding unknown	Solve the problem by using equation as tools	2	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League

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日期	教学内容	掌握的基础知识和技能	教学重点及难点	课时	作业	辅助教材
10月 16日 11年	Multiplication Review and Problem 乘数是两位或多位数	Understand the meaning of Multiplication and practice timetable	乘法 concept and application	2	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League
10月 23日 11年	Multiplication(Decimal) And application Continue	Similarity and difference when 乘数和被乘数 changes	The steps to do 乘数是两位数 or 多位数的乘法	2	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League
10月 30日 11年	Fun Solving Equation Find unknown Scale examples	Meaning of Equation. How to represent and solve unknown	Represent the equation and Solve unknown	2	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League
11月 06日 11年	Equation Continue CL Math League Test I	Logic Thinking and Problem Solving ability using current knowledge	Problem with certain depth From Standard tests; MCAS, Math Competition tests and Math League Tests	2	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League

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日期	教学内容	掌握的基础知识和技能	教学重点及难点	课时	作业	辅助教材
11月 13日 11年	除法 review 除数是一位数或多位数的除法	Logic Thinking and Problem Solving ability using current knowledge	Problem with certain depth From Standard tests; MCAS, Math Competition tests and Math League Tests	2	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League
11月 20日 11年	除法 with remainder Review and Application	Understand the meaning of Divide 除法	Divide concepts and logic thinking in various applications	2	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League
12月 04日 11年	Factors and multiples	Logic Thinking and Problem Solving ability using current knowledge	Problem with certain depth From Standard tests; MCAS, Math Competition tests and Math League Tests		Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League
12月 11日 11年	Measurement Concept and Application	Logic Thinking and Problem Solving ability using current knowledge	Problem with certain depth From Standard tests; MCAS, Math Competition tests and Math League Tests		Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League

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日期	教学内容	掌握的基础知识和技能	教学重点及难点	课时	作业	辅助教材
12月 18日 11年	Measurement Continue CL Math League Test II	Logic Thinking and Problem Solving ability using current knowledge	Problem with certain depth From Standard tests; MCAS, Math Competition tests and Math League Tests	2	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League
01月 08日 12年	Data Analysis With remainder	Understand the Principles and Be able to use it in Applications	Logic Thinking and lots of practices.	2	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League
01月 15日 12年	Data Analysis, Statistics and Probability	Understand the Principles and Be able to use it in Applications	Logic Thinking and lots of practices.	2	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League
01月 22日& 29日 12年	Data Analysis Review and Summary	Understand the Principles and Be able to use it in Applications	Logic Thinking and lots of practices.	4	Try to Finish and Understand At Class. Allow to Finish Practice Problems at Home	Provide multiple sources include Official test Problems; MCAS & Math League

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Sample Practice Problems:

1. Compute : 3.52×14

2. Jack has 18 toy cars. Each car weighs 4.2 ounces.

Which of the following expressions has a value that is closest to the total weight, in ounces, of Jack's 18 toy cars?

- A. 10×4 B. 10×5 C. 20×4 D. 20×5

3. The Fish Bowl store had a sale. During the sale, the store gave away two kinds of fish, goldfish and catfish

- Every 5th customer received a free goldfish.
- Every 12th customer received a free catfish.

There were 134 customers on the day of the sale.

- How many customers received a free goldfish? Show or explain how you got your answer.
- How many customer received a free catfish? Show or explain how you got your answer.
- How many customers received both a free goldfish and a free catfish? Show or expalin how you got your answer?

4. Mr. Johnson works 5 days a week (Monday through Friday). Assuming no holidays, in a 31-day month he could work as many as _____ days or as few as _____ days.