# Syllabus Brief -2<sup>nd</sup> Term 2014-15 Class-5

# The City School PAF Chapter Junior Section



# **ENGLISH:**

**TEXT:** Novel: Charlie and the chocolate factory Chapters: 17-30 (14

Chapters)

**COMPOSITION:** Story Writing: Structure, Opening, Sequence,

Myth, Imaginary Writing

Poems: free verse, rhyming, narrative. Letter Writing-formal

**GRAMMAR:** Connectives, Similes, Metaphors, Synonyms

Antonyms, Adverbs, Complex sentences, Pronouns

**COMPREHENSION:** Unseen Passage

#### **MATHEMATICS:**

<u>Unit: Numeration:</u> Number Sequencing, Triangular Numbers, Negative Numbers, Prime Numbers, Factors, H.C.F (Highest Common Factor), Test of divisibility.

Unit: Multiplication and Division: - Partition Method

(Multiplication), Standard Method(Multiplication),

Test of divisibility(Division), Standard Method(Division)

<u>Unit: Decimals</u>:- Rounding decimal numbers, Place value, Conversion, Comparing and Ordering, Addition/Subtraction (Standard Method), Multiplication/Division (Standard Method),

#### Unit: Length, Mass and Capacity:-

Convert units of Length (mm, cm, m, km), Convert units of Weight (gm, kg), Convert units of Capacity (I, ml),

#### Unit 5: Measurements and Drawing Angles:-

Measurements & Drawing of Angles(acute, obtuse, straight & right angles) using protector, Sum of angles on a straight line.

**Unit 6: Symmetry:-** Reflection symmetry

**<u>Unit 7: Position & Movements</u>:-**Co-ordinates in four Quadrants

# **SOCIAL STUDIES:**

The land of Pakistan, Pakistan(yesterday and today), Industries, Environment, Population, World History, Transport, Telecommunication and Trade.

#### **ISLAMIAT:**

The Holy Quran, The Holy Prophet(P.B.U.H), Messenger of Allah(Hazrat Isa(A.S), Pillars of Islam, Prayers, Cleanliness, Inspiration from the life of the Holy Prophet(P.B.U.H), Muslim Heroes (Hazrat Usman(R.A.), Hazrat Khalid Bin Waleed(R.A).

# **SCIENCE:**

#### **BIOLOGY: Unit: Life Cycle**

Mixed Fruits, Investigating Germination, Growing from Seed, Making Seed, Plant life Cycle, Focus on seedless reproduction, Animals Life Cycle, Gestation times, Extinction

**CHEMISTRY**: Unit-Changing States

Evaporation, Focus on using evaporation Investigating Evaporation, Try it faster, Condensation, Charging state, The water cycle, Focus on Climate.

#### **THYSIES: EARTH, SUN AND MOON:**

The Shape of the Earth, The Size of the Earth, What is moving?, Investigating Sunrise and Sunset, Focus on Sundials, Years, Focus on Seasons, The moon.

#### ICT:

Chapter 5: MS power Point 2007- Editing and Formatting Slides.

Chapter 6: Introduction to MS Excel.
Chapter 7:Exploring MS Excel 2007

Chapter 8: The Internet

Chapter 9: Learning Algorithms

#### Urdu

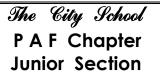
قواعد:

واحد جمع ، نذ کرمونث ، الفاظ متضاد ،الفاظ مترادف حروف جار ، گنتی ۱ - ۱۰۰ (الفاظ اور ہند سے ) ، فعل کے زمانے (حال ،ماضی ، مستقبل ) ،اسم معرف ونکر ہ اسم ضمیر ، مثبت اور منفی جملے ، جملول کی در تنگی/پیرا گراف کی در تنگی

<u>انشاء پر دازی وتفهیم:</u>

مضمون نولیی ،خطانولیی (غیررتی) ، درخواست نولیی ، کهانی مضمون نولیی (نصویری ونصوراتی) ، مکالمه نولیی ، تبصره نگاری ، آپ بیتی ، ترجمه نولیی ، تفهیم (سائنسی ، معلوماتی ، اشاراتی ، نظمیه) ،خلاصه نگاری (اسهاق نظمین ،مضامین)

# Syllabus Brief -2<sup>nd</sup> Term 2014-15 Class-4





# **ENGLISH:**

#### Grammar:

Adverbs (time, place, manner), Simple and compound sentences, Prefixes/suffixes, Pronouns 1st/2nd/3rd person, Connectives (and, but, so, because, if, although)

# **Composition:**

Story progression, Dialogue writing, Writing informal letter, Persuasive writing-advertisements, Argumentative writingopinion(for, against), Narrative writing(1st & 3rd) person, Summary writing, Story review

# **David Copperfield:**

Character sketch, Questions/Answers, True/False, Fill in the Blanks, Reference to the context

# **MATHEMATICS:**

Rounding, Common multiples & Factors, Prime numbers, Addition and Subtraction, Multiplication and Division, Decimals, Length, Weight and Capacity, Lines and angles Symmetry, Position and Movement, Data Analysis, Probability

# **ISLAMIAT**:

Ahadith, Prescribed Duas from Quran and Hadith, Pillars of Islam, Prayer, Inspiration from the life of the Holy Prophet(P.B.U.H), Muslim Heroes, Festivals in Islam.

## **SOCIAL STUDIES:**

Agriculture

**Natural Resources** 

Transport, Telecommunication and Trade

Environment

Population (citizenship, rights and responsibilities)

Industries (PBL)

# **SCIENCE:**

Life Processes

Habitats and adaptations(aquatic and terrestrial)

Group and Keys

Food chains and sources of food changing Habitats

by human activities

#### KEEPING WARM:

Hot and Cold

Measuring temperature

Thermometers

Temperature changes

Keeping things cool and warm

Conduction and convection for heat transfer

Insulators and conductors.

#### **CIRCUITS AND CONDUCTORS:**

Circuits and switches

Mains electricity

Voltage

Conductors and Insulators

Plugs

**Investigating Circuits** 

# ICT:

Chapter 5: Logo-Drawing Polygons and Circles

Chapter 6: Logo - Using Pen Colours and Pen Sizes

Chapter 7: Introduction to Tux paint

Chapter 8: Fun with Tux Paint

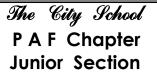
Chapter 9: Introduction to MS Power point 2007

# Urdu

واحدجع، مذكرمونث، الفاظ متضاد،الفاظ مترادف حروف عطف، گنتی ۱ -۵۷ (الفاظ اور ہند سے)، فعل کے زمانے (حال، ماضی، مستقبل) ِ،اسم معرفہ ونکرہ اسمضمیر، مثبت اور منفی جملے، جملوں کی درستگی

انشاء بردازی و تفهیم: مضمون نویی ، خطانویی ، درخواست نویی ، کهانی نویی ، مكالمهنوليي، تصره نگاري، آپ بيتي، ترجمهنوليي تفهيم

# Syllabus Brief -2<sup>nd</sup> Term 2014-15 Class-3





# **ENGLISH:**

# **Composition:**

Paragraph writing, Dialogue writing, Types of stories Information text, Summary writing, Letter writing(formal & Informal), Shape poem

#### Grammar:

Pronouns, Adjectives, Adverbs, Homonyms Punctuation(capitals, comma, period, question mark, speech marks, exclamation)

#### **Literature:**

Questions/Answers, Fill in the blanks, Word/meaning Summary writing, Character writing, RTC, MCQ's

#### **MATHEMATICS:**

Compare , order + sequence numbers

Odd + Even numbers

Addition + Subtraction(2)

- i. Simple Sums
- ii. Carry Sums /borrow sums
- iii. Inverse operation
- iv. Word problems (Single + multi steps)

Multiplication
Decimals
Length , Mass & Capacity
Horizontal + Vertical Lines
Kinds of Angles
Lines of symmetry in shapes

Position & Movement

# SOCIAL STUDIES

The land of Pakistan (Unit # 1 My Homeland)

World History (Unit # 2 Early Man)

Transport, Telecommunication and Trade (Unit#3 Work and Money)

Natural Resource (Unit# 4 Natural Resource)

# **ISLAMIAT:**

5<sup>th</sup> and 6<sup>th</sup> Kalimah, Prescribed Duas from Quran and Hadith, Pillars of Islam, Prayers, Inspiration from the life of Holy Prophet(S.A.W) Muslim Heroes, History of Quran and Hadith.

# **SCIENCE:**

#### **PLANTS:**

Life processes

Plant parts

Plants

Plant growth

#### **MATERIAL PROPERTIES:**

Materials types

Properties of Materials

**Choosing Materials** 

**Testing Materials** 

## **ROCKS AND SOILS:**

Types of Rocks

Uses of Rocks

Soil formation

**Investigating Soils** 

# **MAGNETS AND SPRINGS:**

Attracting and repelling

Magnetic and non-magnetic materials

Properties of magnets: strength and usefulness of magnets

Investigating magnet properties spring Strength and usefulness of springs Investigating elastic bands.

#### ICT:

- 1. Introduction to Logo
- 2. Logo Basic Commands
- 3. PBL-1 (Math Topic: Maze Daze)
- 4. My first Publication
- 5. PBL:-2 (English Topic: Letter-Friendly letters)
- 6. We are simulators

#### Urdu

# قواعد:

واحد جمع، مذکر مونث، الفاظ متضاد، ہے اور ہیں کا استعال گنتی ۱ - ۴۷ (الفاظ اور ہند ہے) جروف (پر، ہے، تک) اسم کی اقسام، مثبت اور منفی جملے، جملوں کی درسگی

> <u>انشاء بردازی و قفهیم:</u> تفهیم، مضمون نویبی، خطنویسی، کهانی نویسی، آپ بیتی، ترجمه نویسی، تفهیم