

The City School

University Road Campus



Class 5

Study Plan March 2020

(All the topics included in the Study Plan are the reinforcement topics.)

English

Day 1

Time Duration: 1 hour

Topic: Charlie and the Chocolate Factory – Ch. 16-18

Revise chapters and state the main ideas.

- q. 1. Describe the Oompa-Loompas.
- q. 2. Write a paragraph summary of Chapter 17.
- q. 3. In light of what happened to Augustus Gloop, do you think Mr. Wonka regrets letting children into his factory?
- q. 4. What do you think was the purpose of the chocolate river?
- q. 5. List the different synonyms for crazy used by the parents in Chapter 18.

Resource:

<https://quizizz.com/admin/quiz/5ab258adb91d6a0019b83c73/charlie-and-the-chocolate-factory-chapter-16-20>

Day 2

Time Duration: 1 hour

Topic: Comprehension – Unit 14 (pg # 44-45)

Use inference to find meanings and understand the main idea of text.

Task:

MTTA and NTT Q1.

Day 3

Time Duration: 0.5 hour

Topic: Descriptive Writing

Collins Primary Focus Comprehension – Unit 14

NTT Q2. Pg #45

Criteria:

- Spelling, grammar and punctuation
- Vocabulary
- Relevance

Day 4

Time Duration: 0.5 hour

Topic: Verb Tenses, Parts of Speech and Concrete/Abstract Nouns

Review topics.

Collins Primary Focus Grammar and Punctuation – Progress Unit A Pg #24-25

Q1-3 & 11

*Remember

CONCRETE NOUN

A concrete noun is a person, place, animal, or thing you can touch, see, taste, smell or hear.

ABSTRACT NOUN

An abstract noun is an idea, emotion, feeling, or quality that cannot be detected by the five senses.

Abstract nouns often end in one of these suffixes:

-TION
-ISM
-ITY
-MENT
-NESS
-AGE
-ANCE/ENCE
-SHIP
-ABILITY
-ACY



Visit the site for further review:

<https://www.khanacademy.org/humanities/grammar/parts-of-speech-the-noun/types-of-nouns/v/concrete-and-abstract-nouns>

Day 5

Time Duration: 1 hour

Topic: Comprehension – Unit 18 (pg# 54-56)

Skim and scan text to obtain specific information and understand text.

Collins Primary Focus Comprehension – Unit 18

DYR and MTTA Q1

Q. List the adjectives used to describe the moon and use them in your own sentences.

Q. Write the metaphors used to describe the Milky Way seen during 'the frosty nights of Winter'.

Q. Create your own poem about the Night Sky. You can write a rhyming or free verse poem, but make sure to write lines of 12-14 words using descriptive words/phrases and adding figurative language (metaphors, similes, alliteration). Word limit: 100-120

Day 6

Time Duration: 1 hour

Topic: Charlie and the Chocolate Factory – Ch. 19-21

Review chapter and characters.

Q1. Write a character sketch about Violet Beauregarde. Remember to follow the criteria:

- Role
- Appearance
- Personality

Word limit – 80

Q2. Describe the inventing room.

Q3. Why would the chewing gum see the end of kitchens and cooking?

Q4. How does Willy Wonka react to the first dish?

Q5. Describe what happens to Violet.

Q6. Violet does not listen to Mr. Wonka's request about not trying the gum. Keeping this in mind, do you think she deserves her fate? Explain your answer.

Resource: https://www.proprofs.com/quiz-school/story.php?title=charlie--chocolate-factory_1

Day 7

Time Duration: 0.5 hour

Topic: Adjectives (Suffixes/Prefixes) and Punctuation

Review topics.

Collins Primary Focus Grammar and Punctuation
Unit 11 Pg#26-27

Task:

NTT Q3-4 and PYP

*Remember

Marks of Punctuation

1. Capitalization (A----a)
2. Full stop or period (.)
3. Question mark (?)
4. Exclamation mark(!)
5. Comma (,)
6. Colon (:)
7. Quotation mark ("-----")
8. The Semicolon (;)
9. The Apostrophe (')
10. Ellipsis (....)
11. Parentheses ()

Capitalization Rules

- The first letter of a new sentence is always capitalized.
- The pronoun "I" is always capitalized.
- All proper people (names and titles), places (specific countries, states, cities, rivers, mountains, buildings, etc.), and things (specific brands, companies, religions, and languages)
- Capitalize days of the week, months, and holidays.

Further practice:

<https://www.khanacademy.org/humanities/grammar/punctuation-the-comma-and-the-apostrophe>

Math

Day 1

Time duration: 30 mins

Topic: Length

Reinforce the use of standard units to measure and record length (mm, cm, m and km)

Solve the following

1) Write the missing numbers.

(a) $109 \text{ mm} = \underline{\hspace{1cm}} \text{ cm}$ (b) $830 \text{ cm} = \underline{\hspace{1cm}} \text{ m}$

(c) $289 \text{ cm} = \underline{\hspace{1cm}} \text{ m}$ (d) $8000 \text{ m} = \underline{\hspace{1cm}} \text{ km}$

2) Order the lengths from shortest to longest.

308 mm 1 m 3 cm 0.45 km 450 mm

Day 2

Time Duration : 30 Minutes

Topic : Length

Revise Drawing and Measuring Lines

- 1) Draw random 5 lines and take the measurement of each line in mm and cm
- 2) Draw a line 3cm 6mm long
- 3) Draw a line 138 mm long

Day 3

Time Duration: 30 minutes

Topic: Ratio and Proportion

Revise Ratios by expressing them in their simplest forms.

Solve:

1) Express the ratios in their simplest form.

(a) $4 : 28 = \underline{\hspace{1cm}}$ (b) $6 : 26 = \underline{\hspace{1cm}}$

(c) $66 : 22 = \underline{\hspace{1cm}}$ (d) $27 : 72 = \underline{\hspace{1cm}}$

2) Write the missing numbers.

(a) $2 : 7 = 6 : \underline{\hspace{1cm}}$ (b) $20 : 12 = \underline{\hspace{1cm}} : 3$

Day 4

Time Duration: 30 minutes

Topic: Percentages

Read the following questions carefully and answer.

(a) What is 55 out of 90 as a percentage?

(b) What is 34 out of 60 as a percentage?

(c) What is 89 out of 180 as a percentage?

(d) What is 20 out of 450 as a percentage?

Day 5

Time Duration: 30 minutes

Topic: Time

Revise the topic time and solve the following

1) A musical played at a theatre from 16th March till 7th August.

How long did the musical play for in months, weeks and days?

2) A Cricket match lasted 190 minutes. It ended at 11 29.

What time did the match begin?

Day 7

Time Duration: 30 minutes

Topic: Operations with Decimals

Solve the Following

1) $8.34 + 7.67$

2) $4.8 - 2.345$

3) $9.89 - 0.3456$

4) 9.345×66

5) $7.234 \div 2$

6) 3.56×1000

7) $7.567 \div 100$

8) 232.45×5

9) $8.675 \div 1000$

10) 4.007×100

Day 6

Time Duration: 30 minutes

Topic: Decimals

Solve the following

1) Write the decimals as fractions in their simplest form.

(a) $0.12 = \underline{\hspace{1cm}}$ (b) $0.88 = \underline{\hspace{1cm}}$

(c) $0.85 = \underline{\hspace{1cm}}$ (d) $2.5 = \underline{\hspace{1cm}}$

2) Write the fractions as decimals.

(a) $\frac{2}{5} = \underline{\hspace{1cm}}$ (b) $\frac{5}{12} = \underline{\hspace{1cm}}$

(c) $\frac{4}{9} = \underline{\hspace{1cm}}$ (d) $1\frac{1}{2} = \underline{\hspace{1cm}}$

Science

<p>Day 1 Duration 45 mins Topic: The size of the Earth Read page 56-57 and do the given worksheet#1</p>	<p>Day 2 Duration 45 Mins Topic: What is moving? Read page 58-59 and do the given worksheet#2</p>
<p>Day 3 Duration 30 mins Topic: investigating sunrise and sunset Read page 60 and do the given worksheet#3</p>	<p>Day 4 Duration 45 mins Reinforcement Topic: Seedless reproduction Read page 25 and watch the following video https://www.youtube.com/watch?v=jIOPquKF4Mk</p>
<p>Day 5 Duration 45mins Reinforcement topic: Extinction Read page 29-30 and do the given worksheet by researching your answers under the help of an adult supervision.</p>	<p>Activity: 1 potato 1 glass jar 4 toothpicks 150 ml of water 1 Flower pot Some soil 1) One suitable potato (with eyes) is found 2) Four toothpicks are used to support potato not to fall into the glass. 3) Potato is put in the glass which is full with water. Half of potato is in the water; rest of it not. 4) A suitable place is found for potato (6-8 hours sunlight), leave there for two weeks. 5) Take photos of potato daily to observe the root evolution. 6) Transfer the potato to the soil and observe 1 week later.</p>
<p>Day 6 Duration 45 mins Reinforcement topic: Where the heart is? Read pages 8-9 and watch the following video · https://www.youtube.com/watch?v=qmNCJxpsr0 Answer the following questions after the video :</p> <ul style="list-style-type: none"> • How big is your heart? • Where is it located? • What is the function of heart? • Name chambers of heart. • What is oxygenated and deoxygenated blood? • What is pulmonary artery and pulmonary vein? • What is the function of lungs in circulatory system? 	
<p>Day 7 Duration 45 mins Reinforcement topic: States of matter Read page 40-41 ACTIVITY 1. Fill an empty soda or water bottle with hot water. Swirl the water around to make the bottle hot, and pour it out. 2. Refill the bottle 1/4 full with hot water and place a balloon over the top. 3. Now, fill a bowl with ice water, and place the bottle in the bowl. 4. Watch as all of the air is taken from the balloon. It might even get pulled into the bottle! Questions to ask the learners as they watch the demonstration:</p>	<ul style="list-style-type: none"> • What happens to the balloon when you place it into cold water? • What would happen to the balloon when you place the bottle into the hot water? • What happens to the air (gas) in the bottle when you place the bottle into cold ice water/hot water? • What causes this change in the gas in the bottle/balloon? • What would happen to the water in the bottle if more heat was removed? <p>After the activity do the given worksheet for day 7</p>

پہلا دن: گنتی (دہرائی)

☆ ۵۰ سے لے کر ۱۰۰ تک الفاظ میں گنتی لکھیں۔

دوسرا دن: مترادف الفاظ (دہرائی)

☆ نصابی فہرست میں دیئے گئے الفاظ مترادف (۱-۲۰) تک تحریر کریں اور جملوں میں استعمال کریں۔

تیسرا دن: مذکر مونث (دہرائی)

☆ نصابی فہرست میں دیئے گئے مذکر مونث (۱-۲۰) تک تحریر کریں اور جملوں میں استعمال کریں۔

چوتھا دن: تفہیم

☆ ورک شیٹ میں دی گئی تفہیم کریں۔

پانچواں دن: نظم "برسات" (کتاب ہنس)

☆ نظم کی بلند خوانی کریں اور خلاصہ تحریر کریں (۶۰-۵۰ الفاظ)

نوٹ: الفاظ معنی کتاب کے آخری صفحات پر دیئے گئے ہیں۔

چھٹا دن: قواعد (دہرائی) کتاب ہنس

☆ سبق "دور جدید کے ایک سائنس دان" سے صفت و موصوف لکھیں۔

☆ سبق "دور جدید کے ایک سائنس دان" سے واحد اور جمع الفاظ الگ کریں۔

ساتواں دن: متشابہ الفاظ (دہرائی)

☆ متشابہ الفاظ تحریر کریں اور جملوں میں استعمال کریں۔

نوٹ: تمام کام (A4 Papers) پر کریں۔

جماعت: پنجم مضمون: اسلامیات (اعادہ)

پہلا دن:

مندرجہ ذیل سوالات کو اہم نکات پڑھ کر اپنے لفظوں میں جوابات تحریر کیجئے۔

اہم نکات:

☆ جمعہ کی نماز مسلمانوں پر فرض ہے۔

☆ نماز جمعہ شرعی عذر کے بغیر ترک نہیں کی جاسکتی۔

☆ عیدین کی بڑی معاشرتی اہمیت ہے۔

☆ عیدین کی نماز کے لیے جاتے اور آتے وقت گھبیریں پڑھی جاتی ہے۔

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سوال نمبر ۱۔ اجتماعی عبادت سے کیا مقصد ہے؟

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سوال نمبر ۲۔ نماز جمعہ کا تعارف اپنے لفظوں میں بیان کریں؟

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سوال نمبر ۳۔ عیدین کے آداب تحریر کیجئے؟

دوسرا دن:

عنوان: روزے کا تعارف اور اہمیت کی دہرائی۔

اہم نکات:

☆ روزے کو عربی میں صوم کہتے ہیں۔

☆ روزے رکھنے سے اللہ کی رضا اور خوشنوری حاصل ہوتی ہے۔

☆ روزے کی وجہ سے تقویٰ پیدا ہو جاتا ہے۔

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سوال نمبر ۱۔ روزے کے فوائد کو اپنے لفظوں میں بیان کیجئے۔

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سوال نمبر ۲۔ روزے کی معاشرتی اہمیت کو تفصیل سے تحریر کیجئے۔

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سوال نمبر ۳۔ روزے کی فضیلت مختصراً بیان کریں۔

Social Studies

Day 1:

TOPIC: FORESTS

Reinforce the taught concepts from book 4B, page # 2 till 10.

After the reinforcement, do the given questions:

Q.1: Describe the main features of alpine and riverine forests.

Q.2: Why are forests important?

Q.3: Why do coniferous trees have sloping branches?

Q.4: What happens in alpine forest due to harsh climatic conditions?

Q.5: Describe the process of carbon cycle.

Q.6: What are the harmful effects of cutting down forest?

Day 2:

TOPIC: Our History

Reinforce the taught concepts from book 4B, page # 18 till 24.

After the reinforcement, do the given questions:

Q.1: Identify the personality with the help of given clues:

Clues	Personality
I was the head of boundary commission. I handed over Muslim majority areas to India. Who am I?	
I became the Prime Minister of Pakistan after Benazir Bhutto. I was later exiled to Saudi Arabia. Who am I?	
I became the President of Pakistan after Zulfikar Ali Bhutto. My plane crashed in the year 1988. Who am I?	

Q.2: Which movement was started by Sir Syed Ahmed Khan?

Q.3: Why was Shah Waliullah famous?

Q.4: Who betrayed Syed Ahmed Shaheed?

Q.5: Elaborate the role played by Sir Syed Ahmed Khan for the betterment of the Muslims of subcontinent?

Q.6: Describe the canal water dispute.

Day 3:

TOPIC: POWER RESOURCES

Reinforce the taught concepts from book 4B, page # 28 till 40.

After the reinforcement, do the given questions:

- Q.1: Define noise pollution and its impact on the environment?
- Q.2: What is the effect of using only non-renewable resources?
- Q.3: How can solar energy be a poor choice?
- Q.4: I am an Industrialist and marine life is in danger because of me. How?
- Q.5: Name the two nuclear power generation centers in Pakistan.
- Q.6: Why are dams constructed?

Day 4:

TOPIC: RESOURCES AND US (ENVIRONMENT)

Objective:

- State the meaning of the term environment.
- List ways how an individual can make a difference to improve the environment.
- Explain the reason why protecting the environment is important for people.
- Define the term mine.
- Give reasons why a mine may not be developed closer to a populated area.
- Describe the environmental problems that have resulted due to mining.

Methodology:

Reinforce the taught objectives from book 4B, page # 34 till 37.

After the reinforcement, do the given questions:

- Q.1: Why do people exploit the environment?
- Q.2: How can we protect our environment?
- Q.3: Why are khewra mines developed?
- Q.4: What are the effects of mining on the environment?