FOREST BROOK INTERNATIONAL SCHOOL

DESURI

ACADEMIC SESSION 2026-27

🪔 DIWALI HOLIDAY HOMEWORK 🪔

FESTIVE ACTIVITY WORKSHEET BINDER



STUDENT CREDENTIALS

Student's Name: .....

Father's Name: .....

Class & Section: Class VII (7th) _____

Roll Number: .....

✨ **Wishing You & Your Family A Safe, Bright & Eco-Friendly Happy Diwali!** ✨

FOREST BROOK INTERNATIONAL SCHOOL, DESURI

DIWALI HOLIDAY HOMEWORK WORKSHEET - SESSION 2026-27

General Guidelines: (1) All questions are compulsory across all subjects. (2) Write answers in neat, legible handwriting. (3) Submit this completed homework binder to your subject teachers upon school reopening.

SECTION A: ENGLISH

Max Marks: 20

Q1. Descriptive Paragraph Writing (100–120 Words):

Write a short composition detailing *"How My Family Celebrated an Eco-Friendly Green Diwali"*. Include aspects of sparklers (fuljhadi), light decorations, homemade sweets, and avoiding noisy firecrackers (ptake).

Q2. Grammar - Tenses & Voice:

Complete the following sentences by filling in the correct tense form or changing the voice:

Sentence Prompt	Required Change / Fill
(a) We _____ (clean) and painted our home last week.	Past Simple Tense
(b) The sparklers and rockets were lit by the children.	Change into **Active Voice**
(c) Look! They _____ (prepare) delicious laddoos now.	Present Continuous Tense
(d) Rehan will buy eco-friendly green crackers (ptake) tomorrow.	Change into **Passive Voice**

Q3. Vocabulary & Festive Idioms:

Match the festival-related terms/idioms with their precise meanings:

Term / Idiom	Meaning Choices	Answer
1. Firecrackers (Ptake)	A. Extreme happiness & joy	1 - _____
2. On Cloud Nine	B. Pyrotechnic sparklers & rockets	2 - _____
3. Hospitable	C. Welcoming guests warmly	3 - _____

SECTION B: MATHEMATICS (PART 1 - ARITHMETIC & ALGEBRA) Max Marks: 25

Q1. Integers & Firecracker (Ptake) Purchase Budget:

A stall owner in Desuri market bought green firecrackers (ptake) and sparklers worth ₹6,400 on Dhanteras. He earned a profit of ₹3,850 on Deepawali day, but incurred a loss of ₹720 on unsold item boxes on Goverdhan Puja.
(a) Calculate his total net earnings using integer addition/subtraction.
(b) Represent the profit as a positive integer and loss as a negative integer.

Q2. Fractions, Decimals & Percentages:

During festive preparation, Rohan's mother bought $4\frac{1}{2}$ kg of Kaju Katli, $2\frac{3}{4}$ kg of Motichoor Laddoos, and $1\frac{1}{8}$ kg of dry fruits.
(a) Find the total weight of sweets purchased as an improper fraction and as a mixed fraction.
(b) Convert the weight of dry fruits ($1\frac{1}{8}$ kg) into a decimal number.
(c) If 20% of the total sweets were distributed to neighbors, calculate the weight of sweets distributed.

Q3. Simple Equations & Algebraic Expressions:

Formulate simple algebraic equations and solve for the unknown variables:
(a) Three times the number of firecracker sparkler packets (fuljhadi) added to 15 equals 75. Find the number of packets.
(b) Simplify the algebraic expression: `4(2x + 3y) - 2(x - 5y)` when `x = 3` and `y = 2`.

Q4. Comparing Quantities - Simple Interest:

An artisan took a loan of ₹12,000 from a local bank to manufacture earthen diyas and eco-crackers at a Simple Interest rate of 8% per annum for 2 years. Calculate the total interest and total amount to be repaid.

SECTION B: MATHEMATICS (PART 2 - DATA & GEOMETRY) Extra Practice

Q5. Data Handling & Firecracker (Ptake) Sound Level Stats:

The table below records the noise level decibels (dB) of 5 eco-friendly sparklers/crackers tested:

Firecracker Type	Flower Pot (Anar)	Sparkler (Fuljhadi)	Green Rocket	Ground Spinner	Light Bomb
Sound Level (dB)	55	25	75	45	80

Calculate the **Mean (Average)** decibel level, **Median**, and **Range** of the sound data set.

Q6. Lines, Angles & Triangles in Rangoli:

(a) In a triangular Rangoli pattern, two interior angles measure 55° and 65°. Find the measure of the third angle using the Angle Sum Property.

(b) Draw and label: (i) Acute Angle (<90°), (ii) Right Angle (90°), (iii) Obtuse Angle (>90°).

(i) Acute	(ii) Right Angle	(iii) Obtuse

SECTION C: SCIENCE Max Marks: 20

Q1. Heat, Combustion & Capillarity:

Explain how an oil lamp (Diya) functions. Why does mustard oil move upward against gravity through the cotton wick? Name the physical phenomenon responsible.

Q2. Physical vs. Chemical Changes in Firecrackers (Ptake):

Classify into **Physical Change** or **Chemical Change** with reasons:

Event	Type of Change	Scientific Reason
1. Bursting firecrackers (Ptake)		
2. Melting of candle wax		

Q3. Eco-Friendly Green Crackers & Chemical Reactions:

Why are Traditional Crackers being replaced by Green Crackers (Green Ptake)? Name two harmful chemicals (e.g., Lead, Barium) avoided in green crackers.

SECTION D: SOCIAL SCIENCE

Max Marks: 20

Part I: History - Medieval Indian Celebrations

Compare how major festivals were celebrated during the Mughal Period (e.g., Jashn-e-Chiraagan) versus modern-day Diwali celebrations. Mention two historical sources that record medieval Indian festivities.

Part II: Geography - Local Artisans & Micro-Economy

Identify 3 local handicrafts produced in Rajasthan during the festive season (e.g., clay diyas, terracotta idols, decorative bandhanwars). Fill out the economic flow chart below:

Artisan Craft	Raw Materials Used	Economic Impact on Rural Artisans
Earthen Diyas (Pottery)	Soil, Water, Kiln Fuel	Provides seasonal livelihood for rural potters.
Kota Doria / Textiles		
Terracotta Artifacts		

Part III: Civics & Social Life - Diversity & Unity

Explain how festivals foster social cohesion, community brotherhood, and secular harmony in Indian society. How does buying local products support the *"Vocal for Local"* national initiative?

SECTION E: हिन्दी (HINDI - SECOND LANGUAGE) — Max Marks: 10

प्र. 1. निम्नलिखित मुहावरों के अर्थ लिखकर वाक्यों में प्रयोग कीजिए:

(क) **घी के दिए जलाना:** अर्थ: _____ वाक्य: _____

(ख) **पटाखे फोड़ना / धूम मचाना:** अर्थ: _____ वाक्य: _____

प्र. 2. 'ग्रीन दीपावली और पटाखे (Green Diwali)' विषय पर 40 शब्दों में एक जागरूकता संदेश लिखिए:

SECTION F: संस्कृतम् (SANSKRIT - THIRD LANGUAGE) — Max Marks: 10

प्र. 1. संस्कृत भाषायां अनुवादं कुरुत (Translate into Sanskrit):

(क) दीपावली प्रकाश का उत्सव है। → _____

(ख) बालकाः फुलझड़ी (अग्निचक्रम्) प्रज्वालयन्ति। → _____

प्र. 2. दीपावली विषयकम् श्लोकम् लिखत (Write one Sanskrit Shloka related to Light/Knowledge):

श्लोक: _____

भावार्थ: _____

SECTION G: COMPUTER SCIENCE & ART & CRAFT — Max Marks: 20

Part I: Computer Studies:

Q1. Hardware & Memory: Differentiate between Primary Memory (RAM) and Secondary Storage (Hard Disk/SSD) used in computers. Give one example of an optical storage device used during festive recording.

Q2. Cyber Safety & MS Excel:

(a) Mention two safety precautions while shopping online during festival sales to prevent cyber fraud.

(b) Write the MS Excel formula to calculate the average expenses of 5 festive items entered in cells `A1` through `A5`.

Part II: Art & Craft - Firecrackers (Ptake) & Rangoli Design Canvas:

[DRAW FIRECRACKERS (ANAR/FULJHADI/ROCKET) OR RANGOLI HERE & COLOR IT]