# FOREST BROOK INTERNATIONAL SCHOOL

**Desuri, Pali (Rajasthan) • Session 2026–27**

## 🪔 DIWALI HOLIDAY HOMEWORK ASSISTANT & WORKSHEET 🪔

**Medium: English | Grade: Class 6**



### 📋 STUDENT DETAILS & CREDENTIALS

| | |
|---|---|
| **STUDENT NAME:** [ Enter Student Name ] | **FATHER'S NAME:** [ Enter Father's Name ] |
| **CLASS & SECTION:** Class 6 (VI) - _____ | **ROLL NUMBER:** _____ |

### INCLUDED SUBJECT WORKBOOKS & ACTIVITIES

📝 English | 📙 Hindi (हिंदी) | 📐 Mathematics (Extra Content) | 🔬 Science | 🌍 Social Science (SST) | 📜 Sanskrit (संस्कृतम्) | 💻 Computer Science | 🎨 Art & Craft

**🌿 Student Advisory - Eco-Friendly & Safe Diwali:**

- Celebrate a noise-free and pollution-free Eco-Diwali using eco-friendly earthen diyas.
- Stay safe: Always burst any green crackers only under adult supervision in open areas.
- Keep a bucket of water and sand nearby for emergency safety.

# 📚 Language & Literacy Modules

## 📝 English Language & Literature

**Unit 1**

1. **Diwali Narrative Essay:** Write a descriptive paragraph (120–150 words) on *"How I Spent My Diwali Vacations with My Family in Desuri."* Highlight eco-friendly practices you followed.
2. **Grammar & Vocabulary Builder:** Find 10 new adjectives related to festive celebrations (e.g., *resplendent, luminous, festive, vibrant*). Write their dictionary meanings and frame one creative sentence for each.
3. **Letter Writing Practice:** Write an informal letter to your cousin inviting them to spend the upcoming festival break with you and describing local traditional customs.
4. **Reading Challenge:** Read Chapters 1 & 4 of your English 1st . Prepare a brief character sketch (50 words) of your favorite character.

## 📙 हिंदी भाषा एवं साहित्य

**भाग २**

1. **निबंध लेखन:** 'प्रदूषण मुक्त दीपावली' अथवा 'दीपावली का सांस्कृतिक महत्व' विषय पर 100 शब्दों में एक सुंदर निबंध अपनी गृहकार्य पुस्तिका में लिखिए।
2. **व्याकरण अभ्यास:** अपनी पाठ्यपुस्तक से 20 संज्ञा शब्द, 10 सर्वनाम शब्द तथा 10 विशेषण शब्द छाँटकर सारणीबद्ध (Table format) करके लिखिए।
3. **स्वरचित कविता/सृजनात्मक कार्य:** 'दीपों का त्योहार' विषय पर 7 से 12 पंक्तियों की एक सुंदर सचित्र (illustrated) कविता तैयार कीजिए।
4. **शब्द-भंडार:** निम्नलिखित शब्दों के तीन-तीन पर्यायवाची शब्द लिखिए: *दीपक, प्रकाश, घर, खुशी, मित्र।*

## 📜 संस्कृतम् (Sanskrit Work)

**भाग ३**

1. **श्लोक स्मरण एवं लेखन:** दीपावली उत्सव से सम्बन्धित अथवा विद्या से सम्बन्धित 2 संस्कृत श्लोक अर्थ सहित सुंदर अक्षरों में लिखिए एवं कण्ठस्थ कीजिए।
2. **शब्द रूप तथा धातु रूप अभ्यास:** 'बालक' शब्द रूप (सभी विभक्तियों में) तथा 'पठ्' धातु रूप (लट् एवं लृट् लकार) अपनी उत्तर पुस्तिका में लिखिए।
3. **संस्कृत चित्राधारित वर्णन:** दीपावली पर्व से संबंधित एक चित्र चिपकाकर उसके विषय में 5 सरल संस्कृत वाक्य लिखिए (उदा. *एतत् दीपावली महोत्सवस्य चित्रम् अस्ति।*)।

# 🔬 STEM & Social Studies Explorer

## 🔬 General Science

**Practical & Theory**

1. **Light, Shadows & Reflections Activity:** Make a simple Pin-hole Camera or Periscope at home using a cardboard tube/box. Write down your observations about light propagation in 5 lines.
2. **Combustion & Air Quality Study:** Observe firecrackers and diyas during Diwali. List 3 differences between burning mustard oil diyas vs burning chemical firecrackers in terms of smoke emission and chemical residues.
3. **Separation of Substances:** Help in the kitchen during festive sweet preparation! Identify and write down 4 methods of separation used (e.g., winnowing, sieving, filtration, evaporation) with examples.

## 🌍 Social Science (SST)

**History, Civics & Geo**

1. **Historical Traditions of Diwali:** Research and write a 100-word note on why Diwali is celebrated in different regions of India (e.g., Lord Rama's return to Ayodhya, Goddess Lakshmi worship, Jain and Sikh traditions).
2. **Geography Map Project:** On an outline political map of India, mark and color 5 major states where grand Diwali celebrations occur (e.g., Rajasthan, Uttar Pradesh, Gujarat, Maharashtra, Tamil Nadu).
3. **Civics - Community Solidarity:** Write 5 ways we can share happiness during festivals with underprivileged members of society in Desuri town.

## 💻 Computer Science & ICT

**Digital Literacy**

1. **Presentation Skill (MS PowerPoint / Google Slides):** Create a 4-slide digital presentation titled *"My Green Diwali 2026"*. Include slide titles, bullet points, text formatting, and festive shapes. (Submit printout or softcopy).
2. **Cyber Safety & Festival Shopping:** Write 4 basic safety tips to keep in mind while parents perform online shopping for festival gifts.
3. **Algorithm Design:** Write step-by-step pseudo-algorithm steps on *"How to design a Digital Rangoli using paint software."*

# 📐 Extra Mathematics Assistant & Problem Set

## 🔢 Section A: Core Numerical Operations & Fractions

**Grade 6 Level**

Solve the following quantitative problems in your Math homework notebook showing full steps:

1. **Large Numbers & Estimation:** A sweet maker in Desuri produced 45,680 Laddoos, 32,450 Kaju Katlis, and 18,900 Jalebis during Diwali week.
   *(a) Find the total number of sweets. (b) Round off the total to the nearest thousand.*
2. **Fractions & Decimals:** Rohan bought $5^{1}/_{2}$ kg of dry fruits. He gave $2^{1}/_{4}$ kg to his neighbor and $1^{1}/_{2}$ kg to his grandmother. How many kilograms of dry fruits are left with Rohan?
3. **LCM & HCF Application:** Three decorative LED light strips flash at intervals of 12 seconds, 18 seconds, and 24 seconds respectively. If they flash together at 6:00 PM, at what time will they flash together next?

## 📊 Section B: Diwali Festival Practical Math Table

| Item Description | Quantity Purchased | Rate Per Unit (₹) | Total Cost (₹) | Discount Given (10%) |
|---|---|---|---|---|
| Earthen Clay Diyas | 50 pieces | ₹ 4.00 per piece | ₹ _____ | ₹ _____ |
| Decorative Flower Garland | 8 meters | ₹ 35.00 per meter | ₹ _____ | ₹ _____ |
| Eco-Friendly Rangoli Powder | 3 packets | ₹ 45.00 per packet | ₹ _____ | ₹ _____ |
| LED Light Strings | 4 sets | ₹ 150.00 per set | ₹ _____ | ₹ _____ |
| | | **Grand Total:** | ₹ _____ | ₹ _____ |

## 🧩 Section C: Geometric Patterns & Symmetry Puzzle

**Visual Geometry**

- **Symmetry in Rangoli:** Draw a 2D Rangoli design on a grid paper showing at least **4 lines of symmetry** (Horizontal, Vertical, and 2 Diagonals). Mark all lines of symmetry clearly with red dotted lines.
- **Perimeter & Area Calculation:** If a rectangular courtyard in your home measures 14 meters in length and 8 meters in breadth:
  *(i) Calculate its Perimeter for hanging flower garlands. (ii) Calculate its Area for tile cleaning.*

# 🎨 Creative Art & Holiday Daily Planner

## 🎨 Art & Craft Creative Corner

Handicraft

1. **Decorative Handmade Lantern (Kandil):** Create a colorful Diwali hanging lantern using recycled paper, glitter, and ribbon. Submit it to your class teacher after holidays.
2. **Diya Painting:** Take 2 plain clay diyas, paint them beautifully using acrylic colors, decorate them with Kundan stones/beads, and bring them for class exhibition.
3. **Greeting Card Making:** Make a warm "Happy Diwali" greeting card for your grandparents/parents with a personalized message written inside in clear English and Hindi.

### 📅 Student Self-Monitoring Holiday Routine Log

| Day / Date | Subject Revised Today | Math Problems Solved | Reading Time (Mins) | Parent's Signature |
|---|---|---|---|---|
| Day 1 (Nov __) | English / Hindi | 5 Questions | 30 Mins | _____ |
| Day 2 (Nov __) | Mathematics | 8 Questions | 25 Mins | _____ |
| Day 3 (Nov __) | Science / SST | 4 Questions | 30 Mins | _____ |
| Day 4 (Nov __) | Computer / Sanskrit | 5 Questions | 20 Mins | _____ |
| Day 5 (Nov __) | Art & Craft / Revision | All Remaining Work | 40 Mins | _____ |

### 📝 Parent Verification & Submission Sign-Off

I hereby certify that my ward has completed the assigned Class 6 Diwali Holiday Homework across all subjects under appropriate guidance and maintained clean, neat handwriting.

_____ **Parent's / Guardian's Signature**

**Date: _____ / _____ / 2026**

_____ **Class Teacher's Signature**