

BOOK 4: LYON LIGHTS UP

LYON FRANCE

WRITTEN BY:

ERIN K. SCHONAUER & JAMIE C. SCHONAUER

ILLUSTRATED BY KATHLEEN SCHONAUER

LESSON PLAN

HARMONY AND HER FRIENDS GATHER AT THE SCOOP. AS THEY INDULGE IN THEIR ICE CREAM, THEY DISCUSS MISS HEART'S FAMILY TREE ASSIGNMENT.

KIWI FINDS THAT HIS FAMILY/ANCESTORS WERE BANKERS AND LAWYERS. HE CAN'T FIND ANYONE WHO WANTS TO BE A COMIC BOOK ILLUSTRATOR LIKE HE WANTS TO BE. (THIS CONFLICT IS SIMILAR TO FLORENT'S CONFLICT IN LYON. FLORENT'S FAMILY HAS BEEN IN THE SILK BUSINESS FOR CENTURIES, FLORENT HAS A PASSION FOR FILMMAKING. ALSO, FLORENT'S TALENT FOR CREATING STORYBOARDS FOR THE LIGHT SHOW IS SIMILAR TO KIWI'S LOVE FOR CREATING COMIC BOOK ILLUSTRATIONS.)

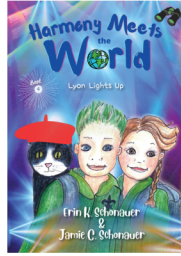
AT THE TREASURE CHEST, HARMONY FINDS A BUNDLE OF LED LIGHT-UP BALLOONS.

HARMONY TRANSPORTS TO LYON, FRANCE. SHE LANDS IN THE COURTYARD OF PLACE DES TERREAUX. UPON ARRIVAL, SHE MEETS FLORENT.

FLORENT IS AN ASPIRING FILMMAKER. HIS FAMILY OWNS A FAMOUS SILK SHOP IN THE CITY OF LYON. IT'S LOCATED ON RUE ST. JEAN IN OLD LYON. THE AREA IS LINED WITH RENAISSANCE BUILDINGS, NARROW COBBLESTONE STREETS, CHARMING SHOPS, BOUCHONS, AND TRABOULES. THE SILK SHOP IS ONE OF THE LAST IN THE CITY OF LYON. FLORENT'S UNCLE JULES RUNS THE SHOP. FLORENT'S FATHER IS OFTEN OUT OF TOWN TRAVELING WITH THE SILK BUSINESS. FLORENT WISHES HIS DAD WOULD COME TO HIS LIGHT SHOW.

FLORENT GETS CHOSEN TO BE ON THE ARTISTIC TEAM OF CREATING A LIGHT INSTALLATION FOR THE FÊTE DES LUMIÈRES. FLORENT IS SELECTED AS A JUNIOR ARTIST. (HIS TEAM CONSISTS OF: ARTIST CLAUDE AND TECHNICAL DESIGNER, EMILIE)





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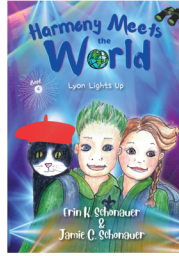
LEARNING OBJECTIVES

- STUDENTS WILL BE ABLE TO LOCATE LYONS, FRANCE ON A WORLD MAP.
- STUDENTS WILL BE ABLE TO DEFINE “ANCESTORS” AND “FAMILY TREE.”
- STUDENTS WILL RESEARCH THEIR OWN FAMILY, BY ASKING THEIR PARENTS, GRANDPARENTS ABOUT THEIR HERITAGE.
- STUDENTS WILL BE ABLE TO COMPARE AND CONTRAST LIFE IN THE US WITH LIFE IN FRANCE.
- STUDENTS WILL CREATE ARTWORKS THAT INVOLVE THE WEAVING TECHNIQUE.
- STUDENTS WILL GATHER FACTS ABOUT SILK WORMS AND HOW SILK IS MADE IN NATURE.
- STUDENTS WILL COMPARE AND CONTRAST ANALOG FILM TECHNIQUES TO CONTEMPORARY TECHNIQUES.
- STUDENTS WILL EXPRESS THEIR IDEAS ABOUT WHAT WORK THEY WILL DO WHEN THEY GROW UP.

LEARNING ACTIVITIES

1. USING A WORLD MAP OR A GLOBE, LOCATE FRANCE. DISCUSS WITH THE CLASS THE DISTANCE BETWEEN FRANCE AND CALIFORNIA, WHERE HARMONY LIVES. HOW LONG WOULD IT TAKE TO FLY THERE OR TO SAIL ON A SHIP? ASK IF ANYONE HAS BEEN TO FRANCE. DO THEY KNOW ANY FRENCH PEOPLE? ANY FRENCH WORDS?
2. HAVE THE STUDENTS DO A RESEARCH PROJECT BY ASKING RELATIVES ABOUT THEIR ANCESTORS. HAVE THEM KEEP A JOURNAL (PERHAPS IN A SPIRAL NOTEBOOK). SEE HOW FAR BACK THEY CAN FIND THEIR ANCESTRY. HAVE THEM WRITE AS MANY NAMES IN THE JOURNAL, ALONG WITH ANY IMPORTANT INFORMATION. WHERE DO(OR DID) THEIR GRANDPARENTS (OR GREAT-GRAND PARENTS)WORK? WHERE WERE THEY BORN? HAVE THE CHILDREN ASK THEIR PARENTS (OR GRANDPARENTS, AUNTS AND UNCLES) ABOUT THINGS THAT HAPPENED WHEN THEY WERE KIDS. LET SOME ADULTS ENTER THEIR STORIES IN THE JOURNAL, TOO. THIS WILL BE A WORK IN PROGRESS, BUT YOU MAY ASK THE STUDENTS TO READ OUT INFORMATION TO THE CLASS FROM TIME TO TIME. ENCOURAGE THE CHILDREN TO DRAW IN THE JOURNAL AS WELL.





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LESSON PLAN

3. FOR READING COMPREHENSION, READ OUT LOUD A PASSAGE FROM THE BOOK THAT PRESENTS AN INTERESTING SITUATION (CHAPTER 8, FOR EXAMPLE). HAVE THE STUDENTS DISCUSS: THE MAIN IDEA OR CONFLICT; WHAT IT REMINDS THEM OF; WHICH CHARACTERS ARE USING EMOTIONS, ACTIONS, OR THE APPEARANCE OF THINGS TO UNDERSTAND THE SITUATION; WHAT WOULD EACH STUDENT DO TO SOLVE THIS CONFLICT?

4 ASK THE STUDENTS IF THEY HAVE A CAT AS A PET OR IF THEY COME IN CONTACT WITH ANYONE ELSE'S CAT. DESCRIBE THE CAT'S PERSONALITY. IS IT PESKY, LOVEABLE, CURIOUS, PLAYFUL, ETC.?
HAVE STUDENTS WRITE A STORY ABOUT A CAT. (IF THEY DO NOT HAVE ONE, ENCOURAGE THEM TO USE THEIR IMAGINATION.) THE STORY SHOULD: 1.INTRODUCE THE CAT, WHAT IT LOOKS LIKE, HOW IT ACTS, WHERE IT LIVES. 2. PRESENT A CONFLICT IN WHICH THE CAT IS INVOLVED (IT GOT LOST, STUCK IN A TREE, ATE ALL THE COOKIES FOR THE BAKE SALE, ETC.) 3. HAVE ANOTHER CHARACTER, OR THE STUDENT, RESOLVE THE CONFLICT IN A FUN OR INTERESTING WAY. ILLUSTRATE THE STORY BY DRAWING THE CAT, AND OTHER CHARACTERS INVOLVED.

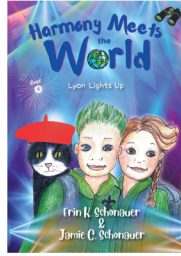
5. FOR NATURAL SCIENCE RESEARCH, EXPLAIN HOW SILK IS CREATED FROM SILK WORMS. TRY TO FIND SOME SILK COCOONS ONLINE FOR THE KIDS TO SEE AND HOLD. DISCUSS HOW A CATERPILLAR DEVELOPS INTO A BUTTERFLY OR MOTH.

6. AS AN ART PROJECT,CREATE PAPER WEAVING. (SEE FOLLOWING INSTRUCTIONS.)

7. EXPLAIN THE COMPONENTS OF A LOOM. CREATE A SIMPLE LOOM FROM A SHEET OF CORRUGATED CARDBOARD. (SEE FOLLOWING INSTRUCTIONS.)

8. EXPLAIN THE DEVELOPMENT OF FILMMAKING.SEE: KIDS.BRITANNICA.COM/KIDS/ARTICLE/MOVIE/353497
CONSIDER SHOWING A CLIP FROM TOY STORY, AS AN EXAMPLE OF A COMPUTER MADE FILM.





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9. INITIATE A CLASS DISCUSSION ABOUT WHAT THE CHILDREN WOULD LIKE TO BE WHEN THEY GROW UP. HAVE THEM DRAW A PICTURE OF THEIR FUTURE OCCUPATION IN THEIR JOURNAL.

10. ASK THE MUSIC TEACHER TO TEACH THE KINDS A FRENCH SONG, LIKE FRERE JACQUES:

FRÈRE

Frè - re Jac - ques, Frè - re Jac - ques, dor - mez vous? Dor - mez vous?

Sonnez les ma - ti - nes! Sonnez les ma - ti - nes! Din, dan, don. Din, dan, don.

ENGLISH TRANSLATION:

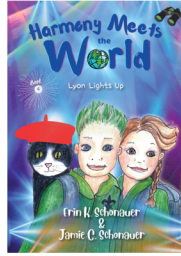
ARE YOU SLEEPING? ARE YOU SLEEPING? BROTHER JOHN, BROTHER JOHN.

MORNING BELLS ARE RINGING. MORNING BELLS ARE RINGING. DING, DANG. DONG.

MUSIC SOURCE: WIKIPEDIA

SOURCE FOR LESSON PLANS: WWW.EDUCATION.COM





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HARMONY BY THE CHAPTER – REVIEW QUESTIONS

CHAPTER 1

MISS HEART GAVE HARMONY AND HER FRIENDS A FAMILY TREE ASSIGNMENT. WHAT IS A FAMILY TREE?

CHAPTER 2

WHAT THREE CULTURAL ARTIFACTS DID HARMONY FIND IN HER LAST THREE ADVENTURES?

WHAT DID HARMONY FIND IN THE TREASURE CHEST THIS TIME?

CHAPTER 3

WHEN HARMONY LANDED IN LYON, FRANCE, WHO DID SHE MEET?

CHAPTER 4

HOW DID FLORENT AND HARMONY GET TO THE BAKERY OF MONSIEUR LOUIS?

CHAPTER 5

WHAT KIND OF BUSINESS DID FLORENT'S FAMILY HAVE?

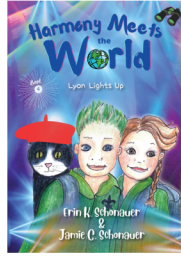
CHAPTER 6

WHO STOLE FLORENT'S STORYBOARD?

CHAPTER 7

WHAT IS A TRABOULE?





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HARMONY BY THE CHAPTER – REVIEW QUESTIONS

CHAPTER 8

WHEN FLORENT AND HARMONY GOT LOST IN THE TRABOULE, WHO HELPED THEM GET OUT?

CHAPTER 9

WHEN HARMONY AND FLORENT FINALLY REACHED THE AUDIO-VISUAL BOOTH FOR THE LIGHT SHOW, WHO WAS THERE WAITING FOR THEM?

CHAPTER 10

WHAT TROUBLE DID PESKY CAT CAUSE IN THE AUDIO-VISUAL BOOTH?

CHAPTER 11

HOW DID HARMONY AND FLORENT GET PESKY CAT OUT OF THE BOOTH?

CHAPTER 12

WHO SAVED THE LIGHT SHOW? WHAT WAS THE LIGHT SHOW ABOUT?

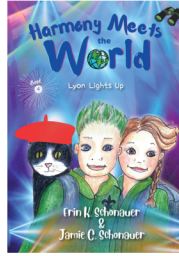
CHAPTER 13

WHO SURPRISED FLORENT DURING THE LIGHT SHOW?

CHAPTER 14

WHO DID HARMONY FIND AT THE LIGHT HOUSE WHEN SHE RETURNED TO CRYSTAL COVE?





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HARMONY BY THE CHAPTER – ANSWER KEY

CHAPTER 1

MISS HEART GAVE HARMONY AND HER FRIENDS A FAMILY TREE ASSIGNMENT.

WHAT IS A FAMILY TREE?

ANSWER: IT'S A LIST OF FAMILY MEMBERS WE HAVE NOW AND THOSE WHO LIVED BEFORE US. RELATED

WORDS: ANCESTORS, GENEALOGY, HERITAGE.

CHAPTER 2

WHAT THREE CULTURAL ARTIFACTS DID HARMONY FIND IN HER LAST THREE ADVENTURES?

ANSWER: A PUTUTU [SEASHELL] FROM PERU, A YUKATA [DRESS] FROM JAPAN, AND A DIYA [LAMP] FROM INDIA.

WHAT DID HARMONY FIND IN THE TREASURE CHEST THIS TIME?

ANSWER: BALLOONS

CHAPTER 3

WHEN HARMONY LANDED IN LYON, FRANCE, WHO DID SHE MEET?

ANSWER: FLORENT

CHAPTER 4

HOW DID FLORENT AND HARMONY GET TO THE BAKERY OF MONSIEUR LOUIS?

ANSWER: THEY RODE THERE ON FLORENT'S SCOOTER.

CHAPTER 5

WHAT KIND OF BUSINESS DID FLORENT'S FAMILY HAVE?

ANSWER: A SILK SHOP. HIS ANCESTORS WORKED IN THE SILK INDUSTRY.

CHAPTER 6

WHO STOLE FLORENT'S STORYBOARD?

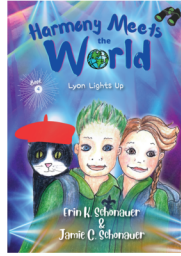
ANSWER: PESKY CAT

CHAPTER 7

WHAT IS A TRABOULE?

ANSWER: A HIDDEN PASSAGEWAY.





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CHAPTER 8

WHEN FLORENT AND HARMONY GOT LOST IN THE TRABOULE, WHO HELPED THEM GET OUT?

ANSWER: MOTHER MARY. THE STATUE OF MOTHER MARY POINTED TO A MAP ON THE WALL.

CHAPTER 9

WHEN HARMONY AND FLORENT FINALLY REACHED THE AUDIO-VISUAL BOOTH FOR THE LIGHT SHOW, WHO WAS THERE WAITING FOR THEM?

ANSWER: EMILIE, THE TECHNICAL DIRECTOR.

CHAPTER 10

WHAT TROUBLE DID PESKY CAT CAUSE IN THE AUDIO-VISUAL BOOTH?

ANSWER: HE JUMPED ONTO EMILIE'S HEAD AND THEN ONTO THE AUDIO-VISUAL BOARD, CAUSING THE LIGHT SHOW TO GO OUT.

CHAPTER 11

HOW DID HARMONY AND FLORENT GET PESKY CAT OUT OF THE BOOTH?

ANSWER: THEY LURED HIM OUT WITH A HAM AND CHEESE SANDWICH.

CHAPTER 12

WHO SAVED THE LIGHT SHOW? WHAT WAS THE LIGHT SHOW ABOUT?

ANSWER: HARMONY AND FLORENT SAVED THE SHOW. IT WAS A TRIBUTE TO THE PEOPLE OF LYON.

CHAPTER 13

WHO SURPRISED FLORENT DURING THE LIGHT SHOW?

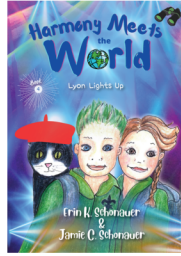
ANSWER: HIS FATHER CAME HOME EARLY FROM HIS TRIP JUST TO SEE THE SHOW WITH FLORENT.

CHAPTER 14

WHO DID HARMONY FIND AT THE LIGHT HOUSE WHEN SHE RETURNED TO CRYSTAL COVE?

ANSWER: HER GRANDMOTHER: GRANDMA ANA.





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HARMONY BY THE CHAPTER – GENERAL DISCUSSION QUESTIONS

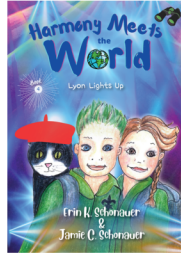
MAKE A LIST OF ALL THE CHARACTERS HARMONY MEETS IN FRANCE.

HOW DID HARMONY HELP FLORENT SEARCH FOR HIS STORYBOARD? WHY WAS THE STORYBOARD SO IMPORTANT TO FLORENT?

WHAT IMPORTANT LESSONS DID HARMONY BRING HOME FROM FRANCE?

WHAT CLUES DID HARMONY USE TO FIND OUT ABOUT HER ANCESTORS? WHAT OR WHO HELPED HARMONY UNDERSTAND HER HERITAGE? [DEFINE 'HERITAGE'.]





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HARMONY BY THE CHAPTER – GENERAL DISCUSSION – ANSWER KEY

MAKE A LIST OF ALL THE CHARACTERS HARMONY MEETS IN FRANCE.

ANSWER: FLORENT, MONSIEUR LOUIE, MOTHER MARY, MONSIEUR BENOIT, PESKY CAT, UNCLE JULES, LUMIERE BROTHERS, GREAT-GREAT-GREAT-UNCLE PASCAL, EMILIE, CLAUDE, FLORENT'S FATHER.

HOW DID HARMONY HELP FLORENT SEARCH FOR HIS STORYBOARD? WHY WAS THE STORYBOARD SO IMPORTANT TO FLORENT?

ANSWER: SHE USED HER BINOCULARS TO TRACE PESKY CAT'S MOVEMENTS THROUGH THE TRABOULE AND THE RESTAURANTS. FLORENT THOUGHT HE NEEDED THE STORYBOARD TO BE ACCEPTED TO LYON'S SUMMER PROGRAM FOR YOUNG ARTISTS.

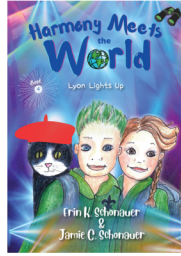
WHAT IMPORTANT LESSONS DID HARMONY BRING HOME FROM FRANCE?

ANSWER: LEARNING ABOUT YOUR FAMILY'S HISTORY IS IMPORTANT. GRATITUDE: BE THANKFUL FOR YOUR FRIENDS, FAMILY, HOME AND NEIGHBORS.

WHAT CLUES DID HARMONY USE TO FIND OUT ABOUT HER ANCESTORS? WHAT OR WHO HELPED HARMONY UNDERSTAND HER HERITAGE? [DEFINE 'HERITAGE'.]

ANSWER: THE PICTURE OF PELLY AND HERMIT CRAB BEHIND THE STEERING WHEEL; BOARDS FROM THE OLD SAILING SHIP; PART OF AN OLD STEERING WHEEL; THE PAGE FROM PELAGIA'S DIARY; AND GRANDMA ANA'S STORY AT THE LIGHT HOUSE. HARMONY'S GREAT-GREAT-GREAT-GRANDMOTHER PEARL [PELAGIA] WAS BORN IN POLAND AND BECAME A SEA CAPTAIN. HERITAGE IS THE CULTURE, IDEAS, STORIES, AND CUSTOMS PASSED DOWN TO EACH GENERATION.





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HARMONY BY THE CHAPTER – ANSWER KEY

CHAPTER 1

AS HARMONY AND HER FRIENDS SIT AROUND A SMALL BONFIRE, DAVIS SHOWS THEM HIS NEW INVENTION.

WHAT DID DAVIS INVENT?

S'MORES SQUARED--A WAY TO MAKE FOUR S'MORES AT ONCE!

CHAPTER 2

WHAT DOES HARMONY FIND INSIDE THE TREASURE CHEST?

A CANDLE-LIKE OBJECT. LATER IN THE STORY, SHE FINDS OUT IT'S CALLED A DIYA.

CHAPTER 3

HARMONY MEETS NEW FRIENDS SHUBRA AND NAKUL. THEY TELL HER SHE'S ARRIVED JUST IN TIME FOR DIWALI. WHAT IS DIWALI?

DIWALI IS A SPECIAL CELEBRATION IN INDIA THAT LASTS FOR FIVE DAYS. IT'S ALSO KNOWN AS THE FESTIVAL OF LIGHTS. DIWALI CELEBRATES THE VICTORY OF GOOD OVER EVIL. IT HONORS THE HINDU GOD LORD RAMA AND HIS RETURN HOME TO HIS KINGDOM, AYODHYA AFTER 14 YEARS OF EXILE. DIWALI TAKES PLACE IN OCTOBER OR NOVEMBER DEPENDING ON THE HINDU LUNAR CALENDAR.

CHAPTER 4

WHAT DID NAKUL LOSE?

HIS RAMAYANA BOOK

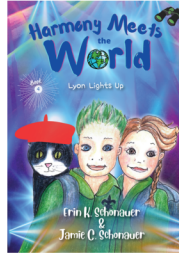
CHAPTER 5

WHY DOES NAKUL THINK SHUBRA TOOK HIS FAVORITE RAMAYANA BOOK?

NAKUL THINKS SHUBRA WAS IN HIS ROOM WHEN THE FAMILY WAS CLEANING FOR DIWALI. ALSO, NAKUL THINKS SHUBRA IS PLAYING ONE OF HER LITTLE TRICKS ON HIM.



Harmony Meets the World



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(write your name here)

Collection of:



FASHION FUN FACTS

À la mode (a lah mohd) means "in fashion" in French and "with ice cream" in English.

Striped shirt – marinère (mah-ree-nyair): A long-sleeved cotton shirt with horizontal blue and white stripes (like Harmony wears).

PHRASES

That's life! – C'est la vie!
(say lah vee)

Oh my goodness! – Ooh là là!
(oo lah lah)

6

FRENCH

LEARN THE LANGUAGE

Harmony Meets the World

FASHION

The French word for fashion is:

La mode (lah mohd). Here are

some very stylish – très chic

(trèh sheek) fashions:

French-style hat –

Béret (bay-ray)

A dress – une robe (oon rohbb)

A suit – un costume

(uh[n] koh-stoom)

5

COUNT TO TEN

- 1 – un (uhn)
- 2 – deux (duh)
- 3 – trois (twah)
- 4 – quatre (krat)
- 5 – cinq (sank)
- 6 – six (seess)
- 7 – sept (seh)
- 8 – huit (weeh)
- 9 – neuf (nuhf)
- 10 – dix (deess)

For pronunciation:
<https://bitly/hmtw-french>

FAMILY RELATIONS

mom – maman (mah-mahn)

Dad – Papa (pah-pah)

brother – Frère (frèhr)

sister – Sœur (suehr)

grandmother – grand-mère

(grahn-mèhr)

grandfather – grand-père

(grahn-pèhr)

4

3

BASIC GREETINGS

Hello! – Bonjour! (boh-n-zhoor)
Thank you very much. –
merci beaucoup.
(mèhr-see boh-koo)
Hi! (informal for friends) –
Salut! (sah-loo)
Good evening. – bonsoir.
(boh-sswah)
See you soon! – à bientôt!
(ah byan-toh)
Good night. – bonne nuit.
(boon nuwe)

2

CONVERSATION

How are you? – Comment ça

va.? (koh-mahn sah vah)

good, and you? –

bien, et toi? (byan ay twah)

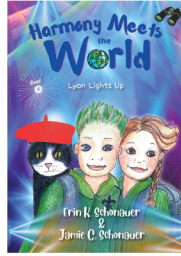
My name is Harmony. –

Je m'appelle Harmony.

(zhuh mah-pell Harmony)

3





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PAPER WEAVING ACTIVITY

MATH AND ART ACTIVITY



PAPER WEAVING IS AN EASY WAY TO INTRODUCE THE PROCESS OF WEAVING TO STUDENTS. IT ENHANCES FINE MOTOR COORDINATION, EYE-HAND COORDINATION AND CONCENTRATION. AS A TOOL FOR DESIGN, IT ALLOWS FOR CREATIVE EXPRESSION OF COLOR.

MATERIALS NEEDED:

9" BY 12" PIECES OF CONSTRUCTION PAPER.

A VARIETY OF ASSORTED PAPER TO BE MADE INTO 9" STRIPS.

ELMER'S GLUE OR GLUE STICK.

SCISSORS

SCHOOL RULER

PENCIL

DIRECTIONS:

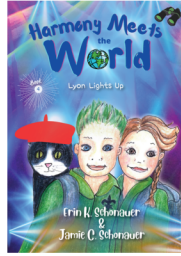
1. BEGIN BY HAVING STUDENTS CHOOSE A 9" BY 12" PAPER FROM THE COLORS YOU HAVE AVAILABLE. EACH STUDENT WILL FOLD THE PAPER TO A 9" BY 6" SIZE. HAVE THE STUDENTS WRITE "FOLD" ON THE FOLDED PART. ALIGN THE SCHOOL RULER ALONG THE TOP, OPEN END AND DRAW A LINE WITH A PENCIL. THE SLITS DO NOT NEED TO BE EXACTLY THE SAME, OR THE SAME DISTANCE APART. IMPERFECTION IS BEAUTIFUL!

2. HAVE THE STUDENTS CHOOSE PAPER TO MAKE THEIR STRIPS, AT LEAST 9" LONG. LET THEM CHOOSE FROM A VARIETY OF PAPERS...

I USE MY SCRAP BOX. MAGAZINE PAPERS WORK WELL ALSO.



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PAPER WEAVING ACTIVITY



3. BEGIN WEAVING THE STRIPS THROUGH THE SLOTS OF THE LARGER PAPER. START BY GOING OVER THE FIRST SLOT, THEN UNDER THE SECOND SLOT, CONTINUE OVER AND UNDER ACROSS THE PAPER.

4. FOR THE SECOND ROW BEGIN UNDER THE FIRST SLOT, THEN OVER, THE SECOND SLOT. THE THIRD ROW BEGINS OVER THE FIRST SLOT. CONTINUE ALONG ALTERNATING THE PATTERN UNTIL THE DESIGN IS COMPLETE.

5. SLIDE THE STRIPS DOWN AS YOU FINISH WEAVING EACH ROW.

6. WHEN COMPLETE, GLUE DOWN THE ENDS OF THE STRIPS AND TRIM THEM OFF. I GLUED DOWN A STRIP AT THE TOP AND BOTTOM BORDERS OF THE PAGE. BUT THE STUDENTS MAY WANT TO DECORATE THE BORDERS BY DRAWING WITH CRAYONS OR MARKERS INSTEAD.



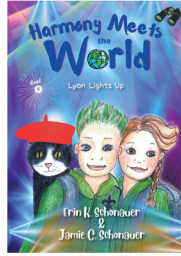
PAPER WEAVING – FRONT SIDE



PAPER WEAVING – BACK SIDE

7. IF YOU USE STRIPS THAT HAVE A DESIGN ON BOTH SIDES, YOU WILL SEE A DIFFERENT DESIGN ON THE BACK OF THE WEAVING. IF YOU USE STRIPS OF THE SAME COLOR ON THE FRONT AND BACK, THE BACK OF THE WEAVING WILL LOOK THE SAME AS THE FRONT.





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MAKING A CARDBOARD LOOM

OBJECTIVES:

- MEASURING WITH A RULER.
- NEW VOCABULARY: LOOM, WARP, WEFT.
- IMPROVE FINE MOTOR SKILLS.
- IMPROVE EYE-HAND COORDINATION.
- CREATE A TEXTILE DESIGN WITH COLOR AND TEXTURE.



MATERIALS:

RULER

PENCIL

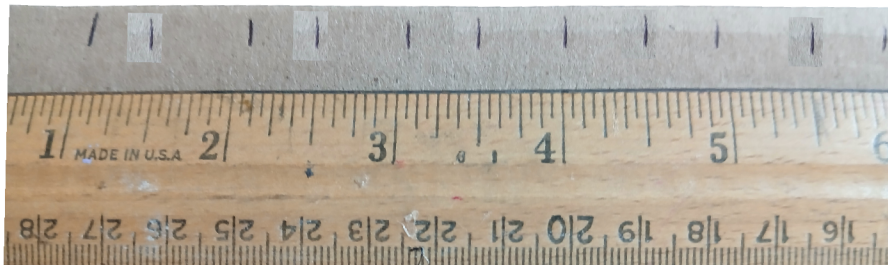
SCISSORS

CORRUGATED CARDBOARD, CUT TO 6 INCHES BY 10 INCHES

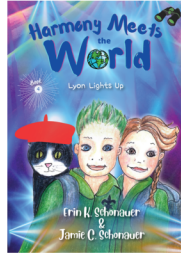
STRING, YARN, RIBBONS, FOR WEAVING

LARGE-EYED BLUNT NEEDLE

TAPE



Harmony Meets the World



BOOK 4: LYON LIGHTS UP

LYON FRANCE

WRITTEN BY:

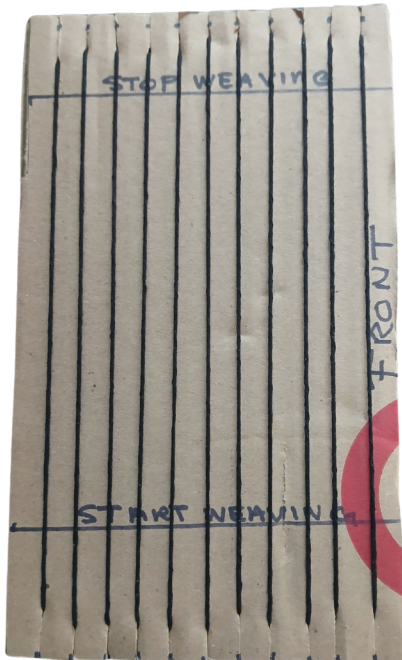
ERIN K. SCHONAUER & JAMIE C. SCHONAUER

ILLUSTRATED BY KATHLEEN SCHONAUER

MAKING A CARDBOARD LOOM

MAKING THE LOOM:

- LAY THE RULER ACROSS THE 6-INCH TOP OF THE CARDBOARD. MARK OFF EVERY HALF INCH. [DEMONSTRATE MEASURING TO THE KIDS.] DO THE SAME FOR THE BOTTOM OF THE LOOM. CUT SLITS AT EACH ½-INCH MARK.
- AT THE TOP, LAY THE RULER UNDER THE SLITS AND DRAW A LINE. MARK THE LINE "STOP WEAVING"
- DO THE SAME AT THE BOTTOM OF THE LOOM. DRAW A LINE ABOVE THE SLITS AND LABEL IT "BEGIN WEAVING."

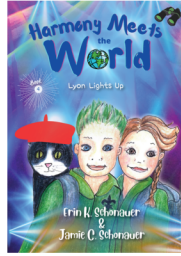


STRINGING THE LOOM:

INSERT A CORD (ABOUT 3 FEET LONG) OR PIECE OF YARN THROUGH THE FIRST TOP SLIT AND BRING IT DOWN TO THE FIRST BOTTOM SLIT. KEEP THE CORD TIGHT AND ON THE FRONT OF THE LOOM ONLY. GO TO THE SECOND SLIT, WRAP THE CORD AROUND IT AND GO TO THE TOP. DO THIS UNTIL ALL THE SLITS ARE USED. (SEE FIGURES 2 AND 3) YOU WILL HAVE VERTICAL CORDS ACROSS THE FRONT OF THE LOOM ONLY. THESE VERTICAL CORDS ARE CALLED THE WEFT.

[ADULTS: DEMONSTRATE THIS PROCESS TO THE KIDS. TAPE THE ENDS TO THE BACK OF THE LOOM. MAKE SURE EVERYONE HAS THEIR LOOM READY BEFORE YOU GO ANY FURTHER. LET THE KIDS HELP EACH OTHER WITH THIS STEP.]





BOOK 4: LYON LIGHTS UP

LYON FRANCE

WRITTEN BY:

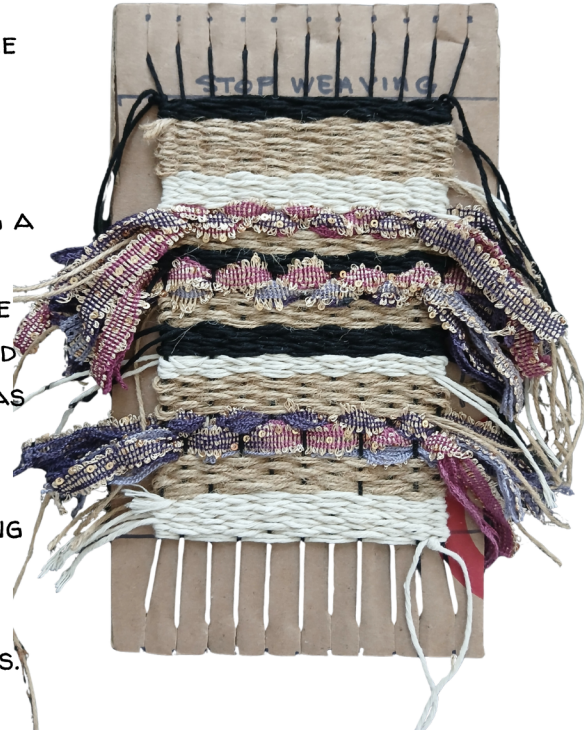
ERIN K. SCHONAUER & JAMIE C. SCHONAUER

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MAKING A CARDBOARD LOOM

WEAVING THE LOOM:

- CUT A PIECE OF YARN ABOUT 3 FEET LONG AND THREAD IT ONTO THE NEEDLE. DOUBLE THE YARN BUT DO NOT TIE A KNOT.
- PLACE THE NEEDLE UNDER THE FIRST WEFT AT THE RIGHT AND GO OVER THE SECOND WEFT, THEN OVER THE THIRD, THEN UNDER THE FORTH, ETC. THIS IS CALLED THE WEAVE. CUT OFF THE YARN LEAVING A TAIL.
- WHEN YOU DO THE SECOND ROW, GO BACK TO THE RIGHT AND WEAVE TO THE LEFT, THIS TIME START OVER THE WEFT. WEAVE ACROSS AND THEN CUT THE YARN, LEAVING A TAIL. PUSH THE ROWS TOGETHER AS YOU GO.
- WHEN YOU GET THE HANG OF IT, YOU CAN GO BACK AND FORTH WITHOUT CUTTING AT EACH ROW. (SEE FIGURE 4) KEEP THE WEAVING BETWEEN YOUR TWO LINES: "BEGIN WEAVING" AND "STOP WEAVING."
- DEMONSTRATE THE PROCESS TO THE CLASS. IF YOU DO THE PAPER WEAVING PROJECT FIRST, IT WILL BE EASIER TO LEARN THESE STEPS.



REMOVING THE WEAVING FROM THE LOOM:

START AT THE BOTTOM. CUT THE BOTTOM LOOPS IN HALF AND TIE THEM INTO A KNOT. IF YOU WANT MORE OR LONGER FRINGE, SEW IN SOME NEW THREADS WITH THE NEEDLE AND TIE THEM OFF. (SEE FIGURE 5)

CAREFULLY REMOVE THE TOP LOOPS FROM THE CARDBOARD. YOU CAN SLIDE A STICK THROUGH THE LOOPS TO MAKE A WALL HANGING. TIE OFF THE TWO ENDS. (SEE FIGURE 6) OR YOU CAN CUT THE LOOPS IN HALF AND TIE THEM OFF TO CREATE A MAT.

