## APPENDIX A

**DIFFERENT TYPES OF LAMPS INSTALLED IN THE CLASS ROOM**

<table>
<thead>
<tr>
<th>HL</th>
<th>FL</th>
<th>CFL</th>
<th>LED</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="HL Example" /></td>
<td><img src="image2" alt="FL Example" /></td>
<td><img src="image3" alt="CFL Example" /></td>
<td><img src="image4" alt="LED Example" /></td>
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<tr>
<td>PHILIPS MASTERline 111 45W 24D</td>
<td>PHILIPS TCS460 1xTL5-20W HFP C8</td>
<td>PHILIPS FBS261 1xPL-R/4P14W HFP M</td>
<td>PHILIPS DN125B D187 1xLED10S/830</td>
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<tr>
<td>PHILIPS BRILLIANTline 50W 24D</td>
<td>PHILIPS TCS640 1xTL5-25W HFP C8</td>
<td>PHILIPS FBS290 1xPL-TT/4P18W HFP C</td>
<td>PHILIPS BN130C 1xLED10S/830 L871</td>
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<tr>
<td>PHILIPS MASTERline 111 60W 24D</td>
<td>PHILIPS 4IS090 1xTL-D36W HF O</td>
<td>PHILIPS FBS296 2xPL-R/4P14W HFP C</td>
<td>PHILIPS BBS411 W9L120 1xLED24/830</td>
</tr>
<tr>
<td>PHILIPS ALUline 111 75W 24D</td>
<td>PHILIPS BCW216 2xLT-GA25W/840</td>
<td>PHILIPS FBH026 2xPL-C/4P18W HF</td>
<td>PHILIPS RC166V W62L62 1xLED34S/830 PSD</td>
</tr>
<tr>
<td>PHILIPS ALUline 111 100W24D</td>
<td>PHILIPS TBS165 G 2xTL5-28W HFS C3</td>
<td>PHILIPS FCS296 2XPL-C/2P18W C</td>
<td>PHILIPS 4MX400 491 1XLED55S/830</td>
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LUMINANCE EMITTANCE CURVES OF THE SELECTED LAMPS INSTALLED IN THE CLASS ROOM

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APPENDIX B

SAMPLE TEST SHEET-1: RED TEXT ON ORANGE BACKGROUND

Peers can have a positive influence on each other. Maybe another student in your science class taught you an easy way to remember the planets in the solar system or someone on the soccer team taught you a cool trick with the ball. You might admire a friend who is always a good sport and try to be more like him or her.

Some kids give in to peer pressure because they want to be liked, to fit in, or because they worry that other kids might make fun of them if they don’t go along with the group. Others go along because they are curious to try something new that others are doing. The idea that “everyone’s doing it” can influence some kids to leave their better judgment, or their common sense, behind.

As you become more independent, your peers naturally play a greater role in your life. As school and other activities take you away from home, you may spend more time with peers than you do with your parents and siblings. You’ll probably develop close friendships with some of your peers, and you may feel so connected to them that they are like an extended family.

The people who are most easily influenced will follow someone else’s lead first. Then others may go along, too — so it can be easy to think, "It must be OK. Everyone else is doing it. They must know what they’re doing." Before you know it, many people are going along with the crowd — perhaps on something they might not otherwise do.
For centuries, people have been playing kicking games with a ball. The game of soccer developed from some of these early games. The English probably gave soccer its name and its first set of rules. In European countries, soccer is called football or association football. Some people believe that the name "soccer" came from "assoc.," an abbreviation for the word association. Others believe that the name came from the high socks that the players wear.

Brazil is the home of many great soccer players, including the most famous player of all, Pelé. With his fast footwork, dazzling speed, and great scoring ability, Pelé played for many years in Brazil and then later in New York. During his 22 years in soccer, he scored 1,281 goals and held every major record for the sport. Every four years, soccer teams around the world compete for the World Cup. The World Cup competition started in 1930.

During a basketball game, two teams of five players each throw the ball into two baskets at opposite ends of a court. Players bounce, or dribble, the ball to the basket or pass the ball to teammates. A team scores points by getting the ball into their team’s basket. The team with the highest score wins.

Today’s baseball players use special equipment to help prevent injuries. Field players wear baseball gloves to protect their hands. The catcher wears a metal mask, a chest protector, and shin guards. Batters wear plastic helmets to protect their heads. Every spring in the United States, people of all ages play baseball at local baseball fields.
Long ago the sky was close to the Earth. Men and women did not have to plant their own food. Instead, when they were hungry, they just reached up and broke off a piece of the sky to eat. Sometimes the sky tasted like ripe bananas. Other times it tasted like roasted potatoes. The sky was always delicious.

People spent their time making beautiful cloth. They painted beautiful pictures and sang songs at night. The grand king, Oba, had a wonderful palace. His servants made beautiful shapes out of pieces of sky. Brian gave his own lunch a critical look and frowned. "You think that's bad," he said, "I've got peanut butter and jelly again. It's the third time this week!"

Many people in the kingdom did not use the gift of the sky wisely. When they took more than they could eat, the sky became angry. Some people threw the extra pieces into the garbage. When the test was over, there were still ten minutes left in the period. Mr. Friedman stood at the front of the class.

Black clouds hung over the land and a great sky voice said to all the people, "You are wasting my gift of food. Do not take more than you can eat. I don't want to see pieces of me in the garbage anymore or I will take my gift away." The king and the people trembled with fear. King Oba said, "Let's be careful about how much food we take."
Justin was always prepared. His motto was "Never throw anything out, you never know when it might come in handy." His bedroom was so full of flat bicycle tires, bent tennis rackets, deflated basketballs, and games with missing pieces that you could barely get in the door. His parents pleaded with him to clean out his room.

Justin had earned a reputation for figuring things out and getting people out of otherwise hopeless situations. Many of his classmates and neighbors sought him out when they needed help with a problem. On the first day of school, his friend Kenny, came looking for Justin. Justin sighed, picked up his backpack, and walked over to Gail.

After school, Justin rode the bus to the mall where he worked at a music store. His boss, Gail, was taking inventory of all of the CDs and tapes in the classical music section. As he helped a customer at the register, Justin heard her exclaim, "Oh, no! I forgot my glasses! There's no way I can read this list without them."

"I think I can help you out," he said, unzipping the bag. While Gail watched in surprise, he pulled out a jar of petroleum jelly, a washer, a glass slide, and a small bottle of water. He put the jelly on the bottom of the washer, placed it securely, jelly-side down, on the glass slide, and then put a drop of water in the center of the washer.
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