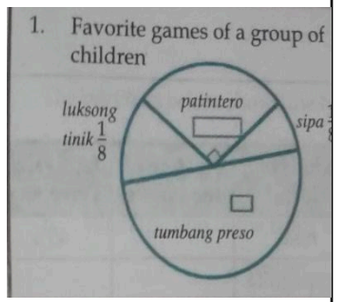
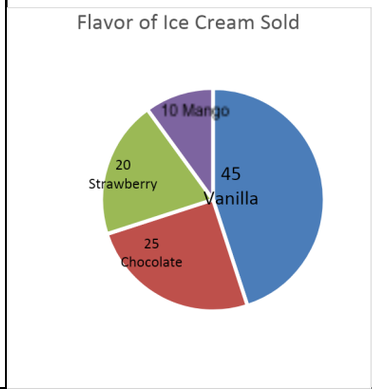
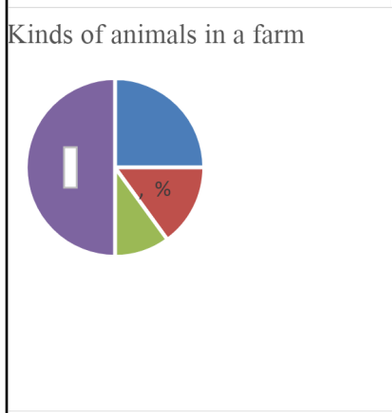
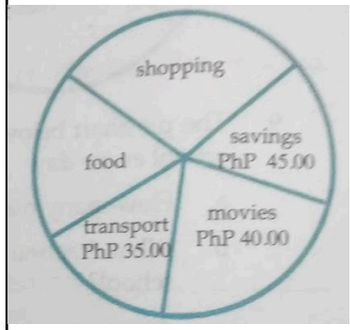
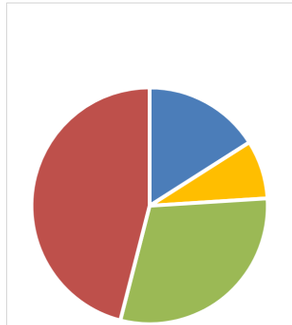
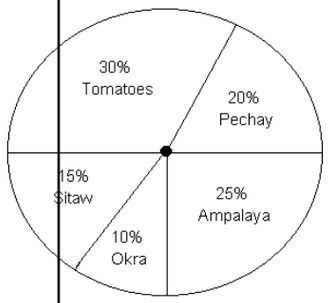
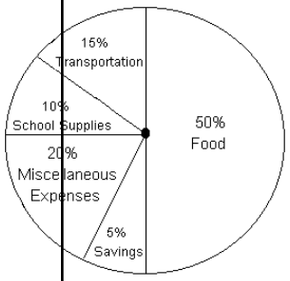
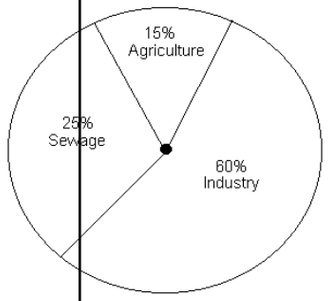
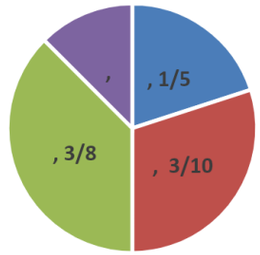
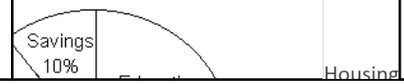
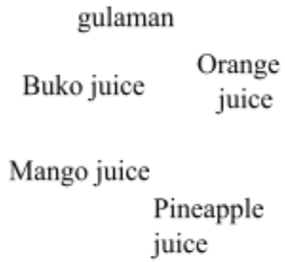
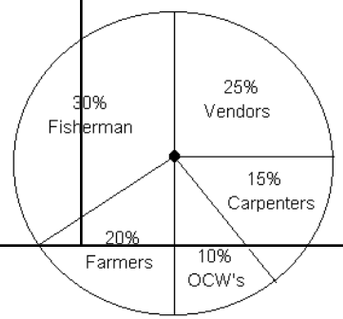
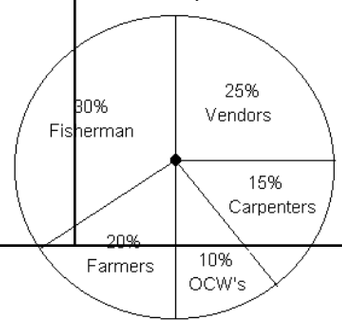
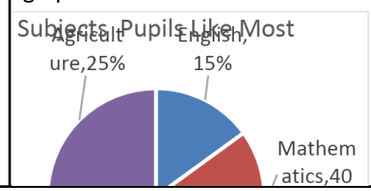
GRADES 1 to 12 DAILY LESSON LOG	School:		Grade Level:	VI
	Teacher:		Learning Area:	MATHEMATICS
	Teaching Dates and Time:	WEEK 6	Quarter:	4TH QUARTER

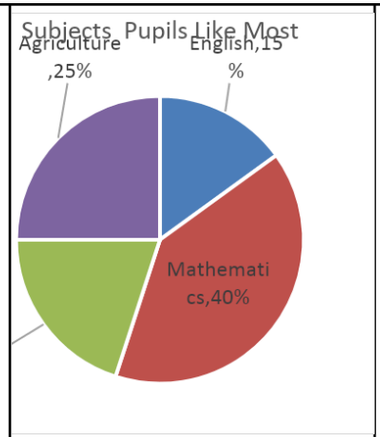
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
I. **OBJECTIVES**					
A. Content Standards	The learner demonstrates understanding of pie graphs and experimental probability.				
B. Performance Standards	The learner is able to create and interpret representations of data (tables and pie graphs) and apply experimental probability in mathematical problems and real-life situations				
C. Learning Competencies/ Objectives	interprets data presented in a pie graph. **M6SP-IVf-3.6**		solves routine and non-routine problems using data presented in a pie graph. **M6SP-IVf-4.6**		Weekly Test
II. CONTENT	Interpreting data presented in a pie graph		Solving routine and non-routine problems using data presented in a pie graph		
LEARNING RESOURCES					
A. References					
1. Teacher's Guides			21st Century Mathletes pp. 130		
2. Learner's Material pages					
3. Textbook Pages			21st Century Mathletes pp. 330-331		
4. Additional Reference from Learning Resource					
B. Other Learning Resources	Workbook Mathematics pp. 180-181 Primary Mathematics 6 pp 331-335	Workbook Mathematics pp. 180-181 Primary Mathematics 6 pp 331-335	Primary Mathematics 6 pp 343-348 Math Links Worktext pp 159-162	Primary Mathematics 6 pp 343-348 Math Links Worktext pp 159-162	
III. PROCEDURES					
A. Reviewing previous lesson or presenting the new lesson	Draw a pie graph of the result of the Mathematics test. In a Mathematics test, 70% of the pupils passed and 30% of the pupils failed the test.	What is it that circle graph is also known as Pie graph?	Review on changing fractions to decimals or percentages.		

B. Establishing a purpose for the lesson	A **pie graph** is also known as pie chart. The whole circle represent one whole or **100%.** The pie graph gives a clear representation of the results of the Mathematics test.	What are your means of transportation in going to school?	Fill in the boxes inside the circle graph with the correct answer (fractions or percentages). 	Present a problem: A publishing house had 40% of its total sales in Math books, 10% in the pupil diary, 20% in Filipino books, 20% in Science books, and 10% in English books. If the sale amounted to Php 1 250 000.00. Find the total sales in each kind of book. What book had the least sales? Original File Submitted and Formatted by DepEd Club Member - visit depedclub.com for more	
C. Presenting examples/instances of the new lesson	The following pie graph shows the number of each flavor of ice cream cones that Mr. Torres sold on a certain day 	The pie graph shows how pupils in Class Diamond go to school.	What fraction or percent of the game chose patintero?	Present a pie graph  What percent of animals in the farm are carabao?	
D. Discussing new concepts and practicing new skill #1	Study the pie graph and answer the following questions.	a. How many more pupils go to school by bicycle than by car?	*Do the activity A.* *Refer to page 330 of 21st Century Mathletes Textbook*	*Do the activity B.* *Refer to page 331 of 21st Century Mathletes Textbook*	

	1. How many strawberry ice cream cones were sold that day? 2. Which flavor of ice cream did Mr. Torres sell the most on that day? 2. Which flavor of ice cream did Mr, Torres sell more, strawberry or chocolate?	b. What is the total number of pupils in Class Diamond? c. What fraction of the pupils in Class Diamond walk to school? d. What percentage of the pupils goes to school by motorcycle?			
E. Discussing new concepts and practicing new skill #2	From the pie graph, we can see that 1. 20 cones of strawberry ice cream were sold that day. 2. 45 is the greatest number from the graph. So , Mr. Torres sold the most cones of vanilla ice cream. 3. 25 is greater than 20. So, Mr. Torres sold more cones of chocolate ice cream than strawberry ice cream.	The pie chart below shows how Lisa spent her monthly pocket money.  -What can you say about the pie chart? -Where did she spend half of her money? -How much did Lisa spend on shopping? Save? -What percent of her money did sh	Work It Out: 1. A group of 500 children was  asked to choose their favorite colors. The pie chart represents their choices? a.What fraction of the children chose green? b. How many children chose red? c. What percentage of the children chose yellow? d. What is the ratio of the number of children who chose blue to those who chose yellow?	Different kinds of vegetables a farmer harvested in a week.  1. What is the circle graph about? 2. How many kg of tomatoes did the farmer harvested in one week? 3. Find the average number of kgs of tomatoes and pechay harvested in a week. 4. On the average, how many kgs of sitaw, okra and ampalaya were harvested? 5. What is the average number of kilograms of vegetables harvested in one week?	

eveloping mastery (Leads to Formative Assessment)	Paulo's monthly allocation given as allowance of P1, 200  1. How much is allotted per month for food? 2. How much is spent for transportation? 3. How much does Paulo save in a month? 4. Find the average amount of money allotted per month on food and transportation? 5. What is the average amount of money allotted for school supplies, savings and miscellaneous expenses	Different sources of water pollution  1. Which gives the most water pollution? 2. How much pollution does water get from sewage? 3. Which gives the least pollution? 4. By how much?	The pie chart shows the different types of drinks sold at a drinks stall.  a. Which was the most popular drink? b. What fraction of the drinks sold was soya bean? c. What percentage of the drinks sold was Milo? d. If 80 cups of milo were sold, how many cups of tea were sold?	Construct a pie graph to show how Ruby spent her P2000 on the following. Then interpret the graph and answer each question below. Shirt -25% Pants - 35% Lunch - 25% Personal Needs- 15% 1. How much did Ruby spend for her T-shirt? 2. In what item did Ruby spend the biggest? How much? 3. How much more did she spend for lunch than for her personal needs? 4. What was her average expenses? 5. What was her least expense? How much?	
F. Finding practical applications of concepts and skills in daily living	THE GRAPH SHOWS HOW MR. LIM'S MONTHLY SALARY OF P12, 000 IS SPENT.  	Interpret this circle graph.	Study the pie graph and answer the questions that follow. The pie graph shows the number of items sold in a day at a bookshop. The number of pens sold is equal to the number	The pie graph shows the preference of some guests for drinks at a children's party. One hundred twenty more guests prefer orange juice to mango juice. 	

	1. How much does Mr. Lim save in a month? 2. Which selected item is allotted to the greatest amount? 3. What fraction of Mr. Lim's salary goes to education? 4. How much is spent for miscellaneous expenses? 5. How much more is spent for food than on education?	Answer the following questions. 1. On what item did she spend more? By how many percent? 2. Which two items have the same rate? 3. What percent was allotted for medicines? 4. Which item did she spend more next to food? 5. If Aloha's allowance is increase to P7500, how much will be allotted for each of the items?	of erasers sold, while the files is one half of the total of books sold. 1. How many books are sold in a day? 2. How many erasers are sold in a day? 3. What percent of the total number of items sold are books? 4. What fraction of the total number of items sold are pens?	 1. What fraction of the guests prefer mango juice? 2. What percentage of the guests like buko juice? 3. How many guests are there in the children's party 4. How many guests prefer mango juice?	
G. Making generalizations and abstractions about the lesson	What is a pie graph?	How do you read and interpret data presented in pie graph?	How will you solve word problems involving pie graph?	How does a pie graph help in making conclusion?	
H. Evaluating learning	Occupations of 400 parents of Barangay Antipuluan Elementary School students 	Occupations of 400 parents of Barangay Antipuluan Elementary School students 	A survey was conducted on the subjects that the pupils like most in a school. A total of 80 pupils participated in the survey. The pie graph shows the result.	A survey was conducted on the subjects that the pupils like most in a school. A total of 80 pupils participated in the survey. The pie graph shows the result. 	

	1. What is the circle graph about? 2. How many of the parents are vendors? 3. How many parents are Overseas Contract Workers? 4. Find the average number of parents whose work are fishing and farming. 5. On the average, how many are vendors and carpenters?	1. What is the circle graph about? 2. How many of the parents are vendors? 3. How many parents are Overseas Contract Workers? 4. Find the average number of parents whose work are fishing and farming. 5. On the average, how many are vendors and carpenters?	 a. What percentage of the pupils like English or Science most? b. What fraction of the pupils like Mathematics most? c. How many pupils among them like English most?	a. What percentage of the pupils like English or Science most? b. What fraction of the pupils like Mathematics most? c. How many pupils among them like English most?	
I. Additional activities for application or remediation					
IV. REMARKS					
V. REFLECTION					
A. No. of learners who earned 80% on the formative assessment					

B. No. of learners who require additional activities for remediation					
C. Did the remedial lessons work? No. of learners who have caught up with the lesson					
D. No. of learners who continue to require remediation					
E. Which of my teaching strategies worked well? Why did these work?					
F. What difficulties did I encounter which my principal or supervisor can help me solve?					
G. What innovation or localized materials did I use/discover which I wish to share with other teachers?					

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