

# LESSON PLAN FOR KINDERGARTEN

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## SUBJECT: Math and Reading Readiness

This lesson plan will be used on the students' birthdays. The summer birthdays will be covered in the months of May and June on the day the children have their birthday snack. Each use of the plan builds upon previous times.

The computer will be used as both curriculum-based and curriculum-expanding with the use of a database. A television screen will be used to enable the entire class to see. Since all of the computer work will be done by the teacher, the handicapped child will get as much benefit as the rest of the children.

## Main Objectives

Students will enjoy helping make a birthday banner and creating songs. They will work with a database and learn their own birthdate, the days of the week, months of the year, and months of the seasons. They will count and identify numbers 1-31. Students will learn more about each of their classmates' likes and will make comparisons. They will provide information for the database and attempt to read some of the data.

## Evaluation

The objectives will be evaluated according to class participation. All children will be encouraged to participate in discussions. By the end of the year 90% of the children will know their birthdate (month and day) and the names of the days of the week. They will be able to say the months of the year and the months of the seasons with 80% accuracy. Counting and identifying numbers 1-31 will be done with 90% accuracy. Students will be able to make at least two comparisons, identify 70% of the beginning sounds in the data, and read 90% of the months and days of the week. 70% of the students will be able to read 80% of the data.

## Materials

One Apple IIe computer in the classroom.

Television.

Appleworks Disk.

Disk for database to be saved.

PRINTSHOP software (for DAY 1).

Crayons or markers for workshop (for DAY 1 and a few days later).

SONGWRITER software (for DAY 7).

Printer (for DAYS 1 and 7) – we may go to another room to use the Printer.

### Procedures and Assignments

DAY 1: (FIRST CHILD'S BIRTHDAY): After singing "Happy Birthday", we will discuss how important and special each and every child is. The birthday child will share some information about him/herself. We will make a Happy Birthday Banner to be displayed on everyone's birthday. The children will help to choose what will be used from Printshop. We will use the suggestions that are the most popular. ASSIGNMENT: The children will color the banner.

DAY 2: (SECOND CHILD'S BIRTHDAY): A database will be set up on a disk. The students will help me fill in all of the information: NAME and BIRTHDATE. We will practice birthdates. Those who don't know them will repeat them after drill.

DAY 3: (THIRD CHILD'S BIRTHDAY): Using the database, the children will count how many people have had birthdays so far. We will review birthdates by hiding the children's birthdate until they can tell me. Some drill will be needed. The children will attempt to read the birthdates.

DAY 4: Review any information above. Use the database to discover how many children have their birthdays in September, October, November, etc. Who have their birthdays at the beginning of the month (days 1-10)? (We will also review the numbers 1-10 to answer this question.)

DAY 5: Review any information above. Discuss the months in fall. Who had their birthdays in the fall? Sing a song about the dates of the week and practice saying the days in order. We will use the calendar to find out the week day of the students' birthdays and add this information to the database. (Our database will now include: NAME, BIRTHDATE, and DAY OF WEEK THIS YEAR.)

DAY 6: Review any information above. Who have their birthdays on Sunday, Monday, Tuesday, etc. Who have their birthdays in the middle of the month (days 11- 20)? ( Review the numbers 11-20.)

DAY 7: The students will sing "Happy Birthday" and use SONGWRITER

to record it. They will see the music appear on the screen and have a printout to take home. They will use SONGWRITER to sing some other songs about being special. ASSIGNMENT: During workshop they will create their own songs and record them on SONGWRITER with the help of the aide.

DAY 8: Review any information above for database. Sing songs about the months of the year and the days of the week. Have the children say and read the months and weekdays.

DAY 9: Review any information above. We will add a BIRTHDAY GIFT column to the database. Children will tell one favorite gift they had gotten for their birthday or wish to get. The wishes of the children who have not had their birthdays yet will be deleted on their birthday, and their favorite gift will be entered. We will discuss being special and the children's likes. (Our database will now include: NAME, BIRTHDATE, DAY OF WEEK THIS YEAR, and BIRTHDAY GIFT.)

DAY 10: Review any information above. The children will try to read the database columns. They will compare birthday gifts: the favorites; how many were games, toys, or animals; etc. We will discuss the months in spring. They will also find out how many children have their birthdays at the end of the month (days 21-31). We will review the numbers 21-31.

DAY 11: Review any information above. The children will make a new column in the data base for FAVORITE CAKE. The children will dictate their favorite cake and attempt to spell it. They will make comparisons with this new column by trying to come up with some questions of their own: how many children like white cake, chocolate cake, etc. (Our database will now include: NAME, BIRTHDATE, DAY OF WEEK THIS YEAR, BIRTHDAY GIFT, and FAVORITE CAKE.)

DAY 12: Review any information above. We will discuss the months in summer. The children will find out how many birthdays are in the summer. They will review the days of the week, months of the year, and the months of the seasons. They will each say their birthdate. The students will ask questions to the class using the database columns.

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