

## *Software Applications*

We use many software applications at Our Lady of Guadalupe School. Below is a list of the “core group” of applications students work with on a regular basis.

- ✓ Accelerated Reader
- ✓ All the Right Type
- ✓ Microsoft Word
- ✓ Microsoft Excel
- ✓ Microsoft Power Point
- ✓ KidPix Deluxe 4
- ✓ Kidspiration 2
- ✓ Inspiration
- ✓ Safari
- ✓ Firefox

There are many other software products used in the lab and classrooms to encourage critical thinking, creativity, innovation, problem solving, and decision making. Reading, mathematics and other curriculum-based areas are also fostered via these products.



This brochure is intended to present an idea of the curriculum offered at Our Lady of Guadalupe School. It is not representative of all subject matter covered over the course of the school year, but instead gives an idea of the major focuses and themes.

*Our Lady of Guadalupe School*

# *Computer Lab Curriculum*

*Together We Walk This Holy  
Ground*



OUR LADY OF GUADALUPE  
SCHOOL

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# *Our Lady of Guadalupe School Computer Lab Curriculum*

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## *Introduction*

Technology is here! Students at Our Lady of Guadalupe School have full access to the world of computer technology in our hands-on computer lab as well as our mobile laptop cart. Each classroom has 4-6 desktop computers for student use as needed. Grades 2-8 sign up to use the mobile cart in the classroom, and learn how to integrate technology into their classroom work. All grades use the computer lab for age-appropriate use of business applications software and hardware, as well as keyboarding and internet research.

QuickTime™ and a decompressor are needed to see this picture.

## *Grades Kinder, 1 and 2*

Children are natural computer users and these early years are an integral part of their technology education. Kinder through 2<sup>nd</sup> grades will illustrate and communicate original ideas. In addition, they will identify, research and collect data using digital tools and digital resources. Students will demonstrate the safe and cooperative use of technology and also demonstrate the ability to navigate in virtual environments such as electronics books, simulation software, and Web sites. Students are encouraged to make logical choices and communicate about technology using developmentally appropriate and accurate terminology.

## *Grades 3, 4 and 5*

Using the skills learned in Kinder through 2<sup>nd</sup> grade, 3<sup>rd</sup> through 5<sup>th</sup> grade students will continue to build a solid knowledge of computer usage.

Starting in 3<sup>rd</sup> grade, students learn keyboarding. This instruction includes correct posture, finger placement and proper key reaches. This fundamental tool will help them key assignments in more quickly, research with better accuracy, and communicate with others via electronic means more easily.

By the end of 5<sup>th</sup> grade students will produce a media-rich digital story, and use digital-imaging technology to create and modify a digital presentation. They will also use digital tools to collect, organize, and analyze data.

Students will be able to use two or three applications simultaneously while working on one project. They will learn “shortcuts” to speed up their work.

## *Grades 6, 7 and 8*

Building upon the curriculum of 1<sup>st</sup> through 5<sup>th</sup> grades, 6<sup>th</sup> through 8<sup>th</sup> grade students will create long-term, multi-application projects. Students will gather data, examine patterns, and apply information for decision making using digital tools and resources. They will be able to select and use the appropriate tools and digital resources to accomplish a plethora of tasks and to solve problems.

They will use a variety of file types to create and illustrate a document or presentation.

Keyboarding is still an important part of the 6<sup>th</sup> through 8<sup>th</sup> grade curriculum. Students are encouraged to produce classroom assignments on the computer to help reinforce these skills.



## *Staff*

The Faculty and Staff at Our Lady of Guadalupe School are lifelong learners. The Computer Lab and Mobile Lab are resources for them in many ways.

Classroom teachers work with the Technology Coordinator to integrate technology into their classroom for their students. This creates an environment where the students can use technology skills in their everyday work.

Faculty and Staff attend technology in-services where they are able to update and sharpen their technology skills. Teachers are encouraged to use in-house and internet e-mail as a communications tool with staff, students and parents. They use the internet as a research tool in the classroom for their students and themselves. Each classroom also has video equipment to film class projects and field trips. Students can use these pictures or movies in the lab for multimedia projects.