

# SHIFTS

To improve student learning, the new Common Core State Standards are different than the old ones. These changes are called shifts.

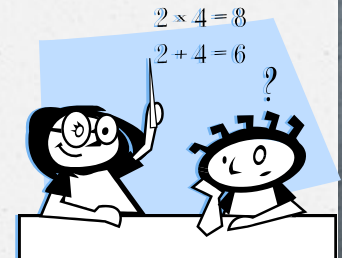
# Working with the “Shifts”

## 3 Major shifts

- Focus
- Coherence
- Rigor

## Parents can help:

- Attend school functions to learn
- Ask students to explain



# Shift 1

Focus: learn more about less

## Students Must...

**Spend more time on fewer concepts.**

**Taken out:**

- Probability
- Decimals

**More Time**

- Measurement
- Place Value

## Parents Can...

- **Know what the priority work is** for your child for his grade (see pamphlet handout)
- **Talk** with your child about priority work

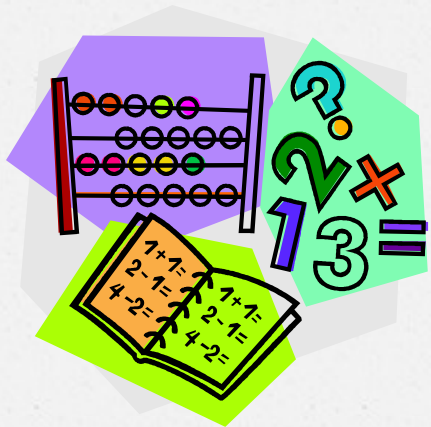


# Shift 2

## Coherence Across Grades

### Students Must...

- Keep building on learning year after year



### Parents Can.....

- Be aware of what your child struggled with last year and how that will affect learning this year.
- Ask your child's teacher how you can help. Games can be a fun way to practice skills.

# Shift 3: Rigor

## Use critical thinking skills

### Students Must...

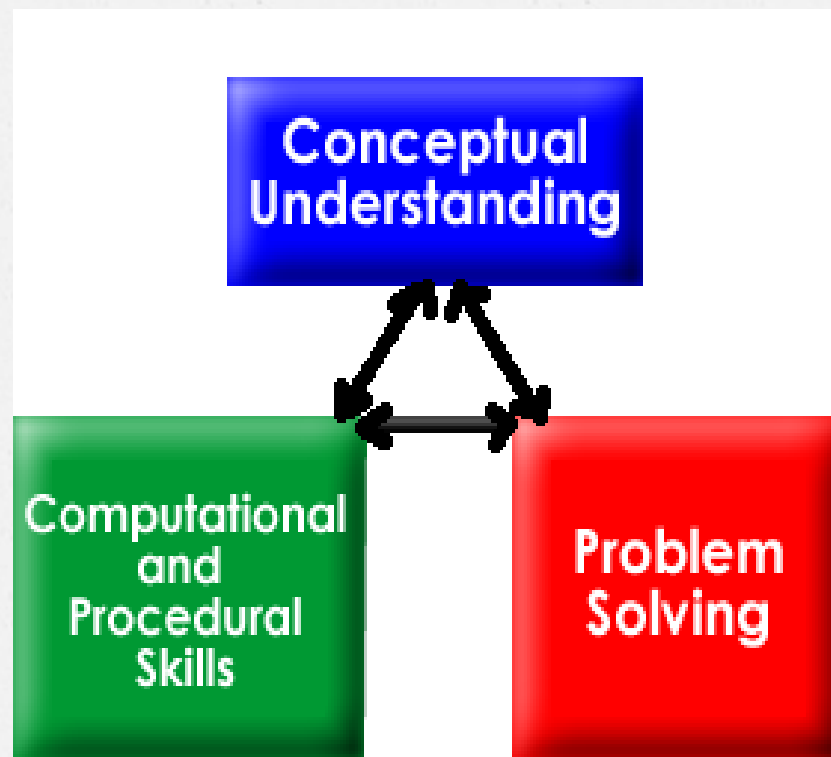
- **UNDERSTAND** why the math works from different view points.
- **TALK** about why the math works using precise math language.
- **PROVE** they know why and how the math works with visual tools and representations



### Parents Can...

- Notice whether your child **REALLY** knows why the answer is what it is
- Provide **SUPPORT** for your child to persevere with math at home. “Math is thinking. Thinking takes time!”
- **ASK** questions;  
“How did you figure that out?”  
“How did you decide that was the solution?”

Our goal is flexible and fluent mathematically minded students.





# Solve the Math We Find in the World

## Students Must...

- See the connection between the math in and out of school.
- Know which math to use for which situation.



## Parents Can...

- Ask your child to DO the math that comes up in your daily life.

