

Decimal & Percent

Sixth Grade + Math and Music

Adapted by L. Lang

CORE SUBJECT AREA

Math

ART FORM + ELEMENTS

Music

Rhythm

MSCCR STANDARDS

6.RP.A.3- Find a percent of a quantity as a rate per 100.

MSCCR CREATIVE ARTS STANDARDS

MU:Pr6.1.6a- Perform the music with technical accuracy to convey the creator's intent

DURATION

30 minutes

OBJECTIVES

I can convert decimals to percents.

I can convert percents to decimals.

I can find the percent of a quantity.

I can remember the lyrics to a song.

MATERIALS NEEDED

Converting Decimals to Percents video, Paper, Pencils, Conversion worksheet, Computer, Projector

VOCABULARY

Decimals, Percents, Convert, Multiply, Divide, Fraction, Rate, Denominator, Numerator

LESSON SEQUENCE

The teacher will begin the lesson by asking the students what their favorite song is.

Can the students recite some or all of the words to this song off the top of their head?

Our brains are programmed to remember lyrics and melodies, so when we hear a song over and over, the beat and lyrics will attach to our memories and we can automatically recite these songs.

Think about a TV show you watched as a child; can you remember what the theme song for that was/ is?

That's your brain pulling from those beat memories.

The teacher should cover the basic facts for converting between decimals and percents (moving the decimal 2 places to the right for a percent and 2 places to the left for a decimal.)

Have the students take these notes in a binder or notebook.

Next, play the converting decimals to percents video.

SOURCES

Lesson created from the video.

<https://www.youtube.com/watch?v=7vJUSpP74Zo>