



4th Grade

Niamtxiv Daim Ntawv Qhia Kom To Taub Cov Qauv Kawm Lej Common Core

	Keu ua thiab kev xav txog lej theem Algebra	Zauv thiab kev ua lej nyob seem 10	Zauv thiab Kev ua Lej Fraction	Keu ntsuas thiab sau data	Lej Geometry
Cov tub kawm ntawv yuav ua tau:	<ul style="list-style-type: none"> Daws cov npab lej ntawv es muaj ob peb theem hais txog kev sib ntxiv, sib rho, sib tshooj, thiab sib faib. Txhais thiab qhia tau kev daws cov lej nrog rau cov cim algebraic thiab muaj licas. Paub cov zauv es muab sib tshooj txiv 100, thiab nkag siab txog lub ntsiab ntawm prime numbers. 	<ul style="list-style-type: none"> Ua cov lej sib tshooj thiab sib faib es muaj ob peb tug lej uake thiab piav qhia tias lawv ua licas rau licas. Siv tus qauv seem 10 los nyeem, sau , thiab muab sib piv, koj los laij, thiab ncu mus rau cov zauv muaj ntau tus lej. Paub zoo txog kev ua lej sib ntxiv thiab sib rho. 	<ul style="list-style-type: none"> Paub thiab sau tau cov npab lej "equivalent fractions". Muab cov fractions es muaj tus zauv sab sau thiab sab hauv koj los sib piv. Muab cov fractions thiab cov mixed numbers es muaj tus zauv sab hauv zoo ib yam cov los sib ntxiv thiab sib rho. Nthuav kom txoj kev nkag siab txog kev sib tshooj ntawm cov whole numbers ces yog kev muab sib ntxiv mus rau cov multiplication of fractions. Kawm txog lub decimals mus rau fraction equivalents es muaj tus zauv sab hauv yog 10 lossis 100. Muab sib piv txog cov decimals mus rau qhov hundredths place value. 	<ul style="list-style-type: none"> Paub txog kev ntuas units (12 in. = 1 ft.). Daws cov npab lej ntawv es muaj kev hloov ntawm hom kev units. Siv qhov tus qauv ntsuas kev loj dav thiab qhov ntev puag ncig rau cov duab muaj plaub ces kaum es muaj tiag. Ua tawm cov data uas yog fractions rau txoj kab. Nkag siab txog kev ntuas cov ces kaum. 	<ul style="list-style-type: none"> Kos thiab paub txog cov kab es sib tshuam thiab ncag. Kos thiab paub txog cov ces kaum "right, acute and obtuse angles". Siv cov kev cai geometric properties los qhia txog cov duab. Paub txog cov duab es ob sab zoo sib xws (symmetric). Kos cov kab kom ob tog zoo sib xws.
Cov tsev kawm ntawv yuav txhawb pab los ntawm nrhiav lwm txoj hau kev:	<ul style="list-style-type: none"> Siv tswv yim los daws cov npab lej xws li kos duab thiab sau npab lej raws txoj kev xav Siv kev kwv yees, kev ua lej hauv lub hlwb thiab tej kev cai ntawm cov zauv koj los seb puas yog yav yuav siv tau. Ua cov qauv rau cov zauv muab koj los sib tshooj txiv 100 	<ul style="list-style-type: none"> Muab cov lej muaj ntau tus zauv koj los sib tshooj thiab sib faib txog ntawm tej yam muaj tiag. Muab ob tug zauv koj los sib piv kom nkag siab txog tus quav seem 10. Qhia txoj kev xav thaum muaj cov zauv muaj ntau tus lej cov los sib tshooj xws li kos duab, muab khoom ua piv txwv thiab piav txog tias ua licas rua licas. 	<ul style="list-style-type: none"> Siv cov qauv fraction koj los ua kom cov tub kawm nkag siab txog tias yog muaj licas. Muab cov fraction koj los sib piv thiab piav tias yov vim licas nyob rau ob peb tug qauv Nthuav cov tub kawm txoj kev kawm paub txog cov cai ua cov lej whole numbers mus rau ntaum hom qauv. Daws cov npab lej ntawv siv framtion thiab decimals, thiab thaum kawg vim licas. Muab cov decimals koj los sib piv los ntawm siv tus qauv kaum, ib puas, cov place value charts and circle models. 	<ul style="list-style-type: none"> Siv ob peb hom kev ntsuas units (cm, m, lb., thiab min.) nyob rau tej yam muaj tiag kom haum rau yam kev ntsuas ntawv. Sau thiab muab cov data tso kom yog rau txoj kab, rau ob phab, thiab cov bar graphs. Siv tus pas protractor los kom thiab ntsuas cov ces kaum. 	<ul style="list-style-type: none"> Kom cov duab mua cov ces kaum "right angles thiab cov ntug nyob sib ncag". Muab cov duab tso kom raws li cov yeeb yam lawv muaj xws li (triangles with angles that are acute, right or obtuse). Paub txog tias "symmetry" yog thaum muaj daim duab ntawv tais los ua kev ces ob tog yuav tsum zoo xib xws.
Cov niamtxiv yuav pab txhawb tau los ntawm nrhiav lwm txoj hau kev:	<ul style="list-style-type: none"> Nws kom muab koj los sib piv xws li "Kuv yuav muab ob lub ncuav qab zib rau koj, yog tias kuv muab peb npaug ntawm koj li rau koj tus kws, ces nws tau pes tsawg lub tshaj dua koj li?" Hais kom koj tus menyuam xav seb cov khoom noj nyob rau lub thawm no yuav raug tus nqi licas 	<ul style="list-style-type: none"> Hais koj tus menyuam piav rau koj txog tus qauv tshiab ntawm kev muab sib tshooj nws tau kawm. 	<ul style="list-style-type: none"> Ua zaub mov nrog koj tus menyuam. Muab daim ntawv qhia ua ncuav qab zib ua ob npaug los yog txo ib nrab es kom nws qhia koj seb yuav siv cov pem thaj, cov hmoov flour npaum licas. Nus nqw lus nug xws li, "Yog tias ib tug neeg es tuaj hauv lub koom txoos noj 3/8 ntawm ib lub pizza, thiab muaj tag nrho yog 20 tus tib neeg tuaj, yog li ntawv yuav tsum muaj pes tsawg lub pizza?" 	<ul style="list-style-type: none"> Kom koj tus menyuam qhia seb tshuav pes tsawg feeb los xis nkoos ua ntej li mam txoj caij kawm ntawv tag kis. Xyuas seb lub siab dhia pes tsawg zaus tuaj ib feeb thiab laij seb koj lub siab dhia pes tsawg zaus tuaj ib teev. Kom duab thiab ntsuas lossis kwv yees seb cov ces kaum yog licas. 	<ul style="list-style-type: none"> Nus koj tus menyuam kom ua ib yam koom ua si es muaj cov ntug sib ncag thiab muab cov ces kaum obtuse. Nrhiav tej yam khoom nyob hauv koj lub tsev es siv ob peb yam lus geometric koj los piav txog (lub computer muaj cov ces kaum right angles, thiab cov ntug sib ncag thiab sib tshuam).

Cov Tub Kawm Qib Plaub:

- Daws cov npab lej muaj ob peb theem uas siv lej sib ntxiv, sib rho, sib tshooj, thiab sib faib.
- Sau cov npaj lej kom raug li cov ntawv es muab cov tsiaj ntawv los sawv cev cov zauv es tsis paub tias muaj licas.
- Muab cov zauv es muaj ob peb tug lej coj los sib tshooj thiab sib faib.
- Apply place- value understanding to read, write, compare, round, and calculate whole numbers.
- Mub cov fractions es muaj cov zauv nyob sab hauv es tsis zoo ib yam coj los sib piv, sau kom tau npaj lej fractions, muab cov fractions coj los sib ntxiv thiab sib rho nrog rau cov fractions es muaj tus zauv sab hauv zoo ib yam, thiab paub txog tias decimals kuj yog fraction es muaj tus zauv sab hauv yog 10 los 1000.
- Daws cov npaj lej es hloov cov kev ntsuas units. Kos tau thiab paub cov npe ces kaum, cov ntug sib ncag, thiab cov kab sib tshuam thiab cov duab ob tog zoo sib xws.

Kev Pab:

Hauv Paus Tsev Kawm Ntawv Sacramento City Unified School District

<http://www.scusd.edu/commoncoredept>

- ✓ Cov links mus saib cov ntaub ntawv hais txog tus Qauv Qhia Ntawv California (CCS) Common Core Standards, nrog rau cov videos rau cov qauv xyaum kawm Lej

Lub Koom Haum Niamtxiv-Xibfwb (Parent-Teacher Association)

<http://www.pta.org/446.htm>

- ✓ Cov ntawv qhia txog cov ntsiab lus t seem ceeb uas cov menyuam yuav tsum tau kawm txog lej nyob rau txhua qib kawm.

Xeev CA Chav Tuam Tsev Tswj Phab Kev Kawm

<http://www.cde.ca.gov/re/cc/index.asp>

- ✓ Cov ntawv tshaj tawm hais txog tej yam tseem ceeb ntawm cov Qauv Kawm Lej CCS
- ✓ Cov ntaub ntawv hais txog kev hloov mus kawm rau CCS
- ✓ Lub link mus rau “Council of Great City Schools Parent Roadmaps”
- ✓ Cov links mus rau qhov ntawm xeev “Smarter Balanced Assessments”

Cov Kev Niamtxiv Yuav Pab Tau:

- Hais kom koj tus menyuam siv qhov kev txuag tau nyiaj thaum mus yuav khoom tom khw.
- Kom koj tus menyuam laij seb lub chaw koj yuav mus saib nyob deb npaum licas los ntawm siv daim map.
- Ntsuam cov khoom koj cog rau hauv daim teb seb lawv loj hlob sai licas.
- Ua si xws li kom muaj kev sib ntxiv, sib rho, thiab sib tshooj “Yahtzee, Phase 10, Uno, Dominoes, thiab Backgammon”.
- Cia koj tus menyuam pab ua zaub mov noj los ntawm siv daim ntawv qhia ua zaub mov noj, kev kwv yees seb yuav ua pes tsawg thiaj txaus, thiab yuav siv sij hawm ntev licas los ua.
- Piav qhia seb koj sib lej licas nyob rau txhua txhua hnub .
- Txhawb koj tus menyuam kom tsis txog tsum yooj yim yog thaum muaj tej yaam teeb meem nyuaj.
- Thaum koj tus menyuam ua tsis tau nws cov homework, yuav tsum nug cov nqe lus nug no:
 - 1) Koj qhia puas tau tam sim no tais koj paub txog dab tsi?
 - 2) Koj yuav ua licas thiaj li paub txog?
 - 3) Koj puas kos tau duab los pib ua ntej?
 - 4) Koj qhia rau kuv seb koj ua licas es thiaj li tsisi ua hauj lwm? Can

Kev Hloov Pauv Tau Licas:

Cov kev kawm rau cov tub kawm ntawv tau hloov ntau heev thaum tau txais yuav tus qauv qhia ntawv Common Core State Standards nyob rau kev kawm Lej. Thaum tseem tshawb nrhiav lo lus teb kom yog, txoj kev kawm tau ntawv tseem yog yam uas tseem ceeb tshaj, cov tub kawm ntawv tam sim no yuav tsum siv lawv txoj kev xav txog lej, txuas lus nrog lawm txoj kev xav, thiab tawm tswv yim vim licas kom nkag siab tias lej ua hauj lwm mus licas.

Cov Qauv Kawm Ntawv hauv Xeev California Yav Tag Los:

$$2835 \div 3 =$$

Lus Teb: 945

Tus Qauv Qhia Ntawv Common Core Standards Assessment:

Cov lus teb hauv qab no puas yog? Yog tias koj xav tias tsis yog, qhia seb koj paub tau licas tias cov lus teb loj heev los yog me heev. Ces muab laij seb koj hais puas yog.

$$\text{a. } \frac{8,638}{7} = 123.4 \qquad \text{b. } \frac{6,785}{5} = 1,357$$

$$\text{c. } \frac{696}{8} = 5,568 \qquad \text{d. } \frac{2,961}{6} = 493.5$$

Lus Teb: a. tsis yog ; 1234

b. yog

c. tsis yog; 87

d. yog

