



## Qib 8 Tsev Kawm Ntawv Theem Nrab Lus Piav Qhia Txog Cov Txuj Kawm (Course Descriptions) Sheboygan Koog Tsev Kawm Ntawv

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### **English Language Arts 8 (Yuav Tsum Kawm) *Kev Kawm Tus Cag Lus Ntawv As Kiv***

Yuav rau siab qhia txog plaub yam txuj yuav tsum tau kawm kom txawj txaus rau kev kawm ntawv ntawm tus cag lus: kev mloog, kev hais lus, kev nyeem ntawv, thiab kev sau ntawv. Cov lus taw qhia txog nyeem ntawv xam muaj ntau cov tswv yim thiab ntau yam. Cov tswv yim taw qhia txog kev Sau Ntawv yog tsim los ntawm tus qauv sau ntawv nrog txoj kev tom siab tshwj xeeb rau kev tshawb fawb.

### **Math 8 (Yuav Tsum Kawm) *Leb 8***

Hom kawm 3 npaj rau peb yam tseem ceeb no: (1) sau tswv yim thiab xav txog cov zauv sib laij (expressions) thiab rooj zauv uas ob tog sib npaug (equations), xam muab ua qauv los sib piv (bivariate data) nrog rooj zauv uas ob tog sib npaug ua kab (linear equation), thiab daws cov rooj zauv ua kab thiab cov zauv muab ob roog zauv sib npaug (systems of linear equations); (2) khaws lub ntsiab ntawm kev ua leb piv rau lwm yam (function) thiab siv cov leb piv rau lwm yam no los qhia txog thiab ntsuas tias sib xws li cas; thiab (3) tsom xam txog qhov chaw ob-seem thiab peb-seem thiab xam kom tawm siv qhov deb, ces kaum, sib xws, thiab qhov ob yam zoo sib luag (congruence), thiab nkag siab thiab siv lub tswv yim liaj leb hu Pythagorean Theorem.

### **Leb Qib 8 hu Algebra**

Nyob rau hauv hoob kawm leb Algebra, cov me nyuam yuav kawm txog cov tswv yim laij cov leb nyuaj nyuaj (algebraic expressions), siv tau li cas, kawm txog cov leb laij ces kaum (geometry), thiab kawm kom paub xwv xam txog cov leb uas tau suav tswv yim sib sau laij tawm (statistics). Yuav kawm cov Leb Algebra nyob Qib 8 no mas yuav yog kawm tiav hoob leb Qib 7 (Advanced 2).

### **Science 8 (Yuav Tsum Kawm) *Kawm Txog Txhua Yam Tshwm Sim***

Qhov plhaus nkas qhia txog txhua yam tshwm sim (science) rau hauv tsev kawm ntawv theem nrab no qhia txog lub ntiaj teb, yam muaj sia, thiab tej yam tshwm sim. Cov me nyuam yuav muaj lub fwj tsam los mus kawm kom to taub cov tswv yim no zoo dua qub thiab tsim txoj kev nkag siab zoo los ntawm txoj kev nqi tes sim ua (laboratory), nyeem txog thiab sau ntawv.

### **Social Studies (Yuav Tsum Kawm) *Kawm Txog Tib Neeg Kev Tshwm Sim Ua Ke thiab Txhua Yam***

Hoob no qhia txog As Mes Ka keeb kwm tshwm sim dhau los txog rau xyoo 1860. Cov me nyuam kawm txog cov neeg ncig teb ncig chaw nyob Europe, kev ua pab ua pawg/tsiv teb tsaws chaw, kev ua tso rog kom ywj pheej (the American Revolution), kev tsiv mus rau sab hnuv poob thiab kev qhib cov tuam txhab loj ua hauj lwm, kev rov qab sib tua ua tso rog (Civil War), thiab kev tsim kho zej zog ua ke nrog txoj kev kawm no. Yuav muaj kev qhia txog tias cov pab pawg neeg txawv coj li cas rau cov caij nyoog tshwm sim los rau hauv cov tshooj kawm no. Qhov kev los ntawm lub xeev no hu 2018 Wisconsin State Standards yog lub hauv paus uas cov ntaub ntawv no tshwm sim los nrog txoj kev nug. Muaj kawm txog tej xov xwm tshwm sim niaj hnuv no nyob rau cov tshooj kawm no.

### **Physical Education 8 (Yuav Tsum Kawm) *Kawm Txog Lub Cev Ua Kom Muaj Zog***

Cov me nyuam yuav koom rau ntau cov txuj thiab yuav txhawb txog kev dhia ua si kom lub cev muaj zog. Cov kev kawm qhia rau qib 8 no yuav txhawb ntxiv rau cov txuj ci, tswv yim sib pab ua pab pawg, cov kev cai, thiab kev xyuam xim uas tau qhia thiab xyaum nyob rau qib 7. Cov ntaub ntawv kawm no yuav xam muaj cov ntawv yuav rov qhia txog thiab nthuav cov ntawm tshiab txog kev haus dej caw, siv yeeb tshuaj, thiab tswv yim ua neej.

### **Virtual P.E. 8 (Muaj rau cov me nyuam kawm hoob Kawm Lus Thoob Ntiaj Teb (World Language) los yog hoob kawm Ob Hom Lus XWB) Kawm Txog Lub Cev Ua Kom Muaj Zog nyob hauv Xov Huab Cua**



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Cov me nyuam yuav tsum tau uas kom txog li tej lub hom phiaj yoj cev ua tes taw (sij hawm, lub plawv dhia ceev li cas, lwm yam) sau lawv cov txuj dhia cia, thiab kawm ntaub ntawv kheej. Cov xib fwb yuav kuaj thiab muab tswv yim raws li cov kev cia siab hauv hoob thiab tsawg zaus.

### **Life Readiness 8 (Yuav Tsum Kawm) Npaj Txhij Rau Lub Neej**

Hoob no yuav qhia txog tej yam tseem ceeb rau cov me nyuam hluas rau thaum lawv tseem tab tom pib hlob zus mus ua ib tug tub hluas tiav txiv thiab ntxhais hluas tiav niam. Hoob no qhia txog lub cev kev loj hlob, kev kawm thiab kev npaj rau txoj hauj lwm tom ntej, nrog rau cov tswv yim hla mus kawm rau tsev kawm theem loj. Yuav tham txog cov ntsiab lus txog kev daws teeb meem thiab kev txiav txim siab. Tam li ib tug me nyuam kawm qib 8, koj yuav taug txoj kev npaj mus rau txoj kev kawm thiab kev npaj txoj hauj lwm tom ntej uas hu ua PAUB (KNOW), TSHAWB (EXPLORE), NPAJ (PLAN), thiab MUS-kom Npaj Txhij rau Yav Tom Ntej (GO- to be Future Ready).

### **FACE 8 (Yuav Tsum Kawm) Tsev Neeg Kev Ua Neej**

Qib 8 kev sib raug nrog zej zog thiab tsev neeg/kev noj kev haus: Cov me nyuam yuav txiav txim kom tsim nyog txog tej yam kev xaiv ntawm tus kheej txog tej khoom thiab to taub txog lub luag hauj lwm ntawm kev khawv nyiaj txiag (economy) nyob rau ntawm lawv lub neej txhua hnuv. Hoob no yuav muab cov kev tshwm sim tam sim no nrog rau cov tswv yim xws li kev ntsuas txog kev siv nyiaj txiag, nyiaj txiag ntawm tsev neeg, kev nqis peev pab, siv ntawv yas luab khoom (credit card), kev sau tshv (check) thiab cov as khauj tso nyiaj ceev cia, thiab lwm yam kev txiav txim siab txog nyiaj txiag. Tam li cov yuav khiav dej num rau lub neej ua hauj lwm tom ntej, peb yuav kom cov me nyuam kawm ua cov ntawv mus nrhiav hauj lwm, xyaum sib tham txog kev ua hauj lwm (interview), thiab qhia kom to taub txog tias yuav nrhiav hauj lwm ua li cas thiab yuav ua li cas thiaj li ua tau txoj hauj lwm kom zoo mus.

### **WIN 8 (Yuav Tsum Kawm) Yam Kuv Xav Tau Kev Pab Rau**

WIN (What I Need) txhais tau tias Yam Kuv Xav Tau Kev Pab Rau yog ib hoob tsis muab khab nais es hoob no yog ib hoob pab txhawb cov txuj kom zoo dua rau cov me nyuam uas xav tau kev pab ntxiv rau cov kev kawm ntawv. Ntxiv thiab, cov me nyuam uas xav tau kev pab txhim kho ntxiv, kev txhawb nqa, thiab pab kom paub lwm yam txuj ntxiv rau lub sij hawm no. Rau cov me nyuam uas xav tau kev pab kom ua tau zoo dua ces yuav siv lub sij hawm no los ua kev sib tw rau cov me nyuam no.

### **Band 8 (Kawm Mus Tag Xyoo – Xaiv Kawm) Koos Paj Nruag**

Koos Paj Nruag 8 yog hoob kawm ntaus koos paj nruag qhib rau txhua tus me nyuam kawm ntawv uas tau kawm ntaus cov twj paj nruag los yog xav kawm tshuab twj paj taub (brass), tshuab raj (woodwind) los yog cov twj koos paj nruag (percussion). Cov me nyuam xyaum tau nws cov txuj rau nws zaj paj nruag thiab xyaum ua ke ua pab pawg es kawm cov txuj yas suab sib dhos (rhythms), nyeem yas suab (notes), thiab cov lus siv rau kev kawm yas suab ntaus koos paj nruag. Cov me nyuam kuj kawm txog cov yas suab paj nruag ntawm lwm haiv neeg, cov keeb kwm dhau los, thiab xyaum kawm txog ntau hom twj. Cov me nyuam yuav siv kev tawm tswv yim los uas kom dhos (improvisation), sau yas suab (composition), tshuaj ntsuam txog yas suab, thiab tawm suab tham los kawm txog yas suab paj nruag. Cov me nyuam koom rau hoob no yuav muaj lub fwj tsam los nthuav tawm cov txuj thiab nthuav tawm rau Tsev Kawm Ntawv Theem Nrab Lub Koom Txoos ntaus yas suab paj nruag (Middle School Music Festival). Cov me nyuam yuav koom hauv chav kawm thiab koom ua tej pab tej pawg tsawg zog los kawm lawv cov yas suab. Ntxiv thiab, cov me nyuam yuav nthuav tawm cov txuj rau 2-3 lub koom txoos paj nruag rau yav tsaus ntuj mus rau ib xyoos.

### **Orchestra 8 (Kawm Mus Tag Xyoo – Xaiv Kawm) Twj Xim Xaus Paj Nruag**

Twj xim xaus paj nruag 8 yog hoob kawm ntaus yas suab twj xim xaus qhib rau txhua tus me nyuam kawm ntawv uas tau kawm ntaus twj xim xaus los sis xav kawm ntaus xim xaus violin, viola, cello, los yog string bass. Cov me nyuam xyaum tau nws cov txuj rau nws zaj paj nruag thiab xyaum ua ke ua pab pawg es



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kawm cov txuj yas suab sib dhos (rhythms), nyeem yas suab (notes), thiab cov lus siv rau kev ntaus koos paj nruag. Cov me nyuam yuav xyaus tawm tswv yim los uas kom dhos (improvisation) thiab sau yas suab (composition). Lawv yuav siv lub tswv yim tawm suab tham txog thiab kev tshuaj ntsuam txog yas suab los xav txog cov yas suab lawv hnov. Nws yog ib qhov kev cia siab kom cov me nyuam yuav tsum koom cov caij teem xyaum hauv chav kawm, thiab xyaum ua pab ua pawg tsawg zog los kawm cov yas suab no thiab koom rau kev nthuav tawm cov txuj rau 2-3 lub koom txoos paj nruag rau yav tsaus ntuj. Yeej txhawb kom cov me nyuam koom rau Tsev Kawm Ntawv Theem Nrab Lub Koom Txoos ntaus yas suab paj nruag (Middle School Music Festival) tab sis yuav tsis yuam kom koom.

### **Chorus 8 (Xaiv Kawm) Hu Yas Suab Nkauj**

Hu yas suab nkauj 8 yog hoob kawm hu nkauj uas muab cib fim rau cov me nyuam kawm hu nkauj mus ntxiv thiab koom rau cov koom txoos nthuav txuj hu nkauj (concert). Cov me nyuam yuav kawm kom paub zoo zus txog cov tswv yim hu nkauj thaum hu sib dhos thiab hu kom sib raug zoo thaum hu ua ob toom los sis peb toom. Cia siab tias cov me nyuam nyob rau hauv hoob no yuav tsum koom rau txhua lub koom txoos nthuav yas suab, xam muaj lub koom txoos nthuav yas suab rau thaum tsaus ntuj rau txhua nrab xyoo.

### **General Music 8 (Xaiv Kawm) Kawm Yas Suab**

Hoob kawm yas suab 8 no yog ib hoob rau cov me nyuam uas xav kawm txog yas suab paj nruag, tab sis tsis thas yuav muaj siab xav koom nrog ib pab ib pawg nthuav txuj. Cov me nyuam kawm txog ntau hom yas suab paj nruag los ntawm kev kawm txog ntau tshooj, uas tej zaum kuj xam muaj xws li ntaus kib taw (guitar), kawm txog keeb kawm ntawv yas suab, thiab kev sau nkauj.

### **World Languages (Kawm Mus Tag Xyoo – Xaiv Kawm) Lus Thoob Ntiaj Teb**

Lus xim pev nam/lus mev (Spanish), lus fab kis (French), thiab lus ntsaws mas nis (German) yog cov lus muaj rau tag nrho cov me nyuam nyob qib 8 kawm uas kawm theem kawm cov tsev kawm ntawv theem loj. Kawm hoob kawm Lus Thoob Ntiaj Teb no nyob rau qib 8 yuav qhib txoj kev los kawm tau cov hoob muab cov khab nias ntau (honors credit) nyob rau tsev kawm theem loj. Tus me nyuam yuav tsis tau txais khab nias (credit) rau lub tsev kawm theem loj rau hoob nws tau kawm nyob rau qib 8 tab sis yuav cia tau tus me nyuam kawm xyoo ob ntawm hom lus ntawd thiab rau siab rau lub cib fim tau khab nias rau tsev kawm qib siab thaum kawm nyob rau tsev kawm theem loj. Cov hoob no yuav kawm txog hais lus, nyeem ntawv, mloog cov lus, thiab sau ntawv. Hoob no yuav muaj kawm txhua hnuv mus tag xyoo ib yam li hoob kawm nyob rau tsev kawm tawv theem loj. Cov me nyuam yuav muaj kawm cov lus mus ntxiv, kawm kab li kev cai, thiab kawm sau ntawv los ntawm kev xyaum txhua hnuv thiab ua tej ntaub ntawv. Cov me nyuam kawm tau tus khab nais zoo nyob nruab nrab los sis kawm tau siab tshaj nruab nrab rau cov hoob hauv no xws Lus xim pev nam/lus mev (Spanish), lus ntsaws mas nis (German), lus fab kis (French), nyob rau qib 8 ces nws mus kawm tau cov hoob no rau xyoo ob nyob qib 9. Tsis yuam kom kawm hoob pib kawm txog lus thoob thiaj teb ua ntej kawm hoob no. Hoob no muaj kawm txhua hnuv thiab kawm mus tag ib xyoo.

### **Art 8 (Xaiv Kawm) Txuj Ci Kos Duab**

Nyob rau hauv hoob xaiv kawm no uas kawm ib nrab xyoo, cov me nyuam yuav kawm kom lawv cov txuj ci kos duab zoo mus es yuav qhia txog cov ntsiab ntawm yam txuj thiab cov kev cai siv los tsim cov duab (design), kev kos duab, kawm txog kev siv cov kob xim, thiab kev puab khoom los yog txua khoom. Cov me nyuam yuav muaj lub cib fim los kawm txog ntau yam khoom siv los ua duab los sis siv los ua cov khoom kov tau ua muaj 2 seem 3 seem ( 2D & 3-dimensional).

### **Tech Ed 8 (Kawm Ib Nrab Xyoo – Xaiv Kawm) Kawm Txog Txuj Tshiab Txua Khoom**

Hoob kawm qib 8 txog cov txuj ci tshiab (Technology Education) no yuav qhia kom ntxaws txog cov khoom thiab yuav kawm ua cov khoom, kawm txog cov tshuab hlau, thiab cov tswv yim tshiab siv rau hauv kev ua hauj lwm. Cov me nyuam yuav kawm txog tias muaj cov hauj lwm zoo li cas ua thiab kom paub txog los sis muaj kev to taub txog cov txuj tshiab no nyob rau hauv tsev kawm ntawv theem loj. Hoob no yuav qhia txog



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kev siv ntoo/hlau, cam hlau, txuas khoom, pib kawm txog kev siv tshuab txiav hu cnc thiab cov txuj pib ua cov khoom 3 seem (3-D).

**Project Lead the Way 8 (Xaiv Kawm) Num Cob Ke**

Qib 8 PLTW yog ib hoob kawm txog kev siv txuj ci tshiab uas txhawb cov me nyuam cov tswv yim daws teeb meem. Yuav qhia lawv txog thiab siv cov kev daws teeb meem thiab to taub txog tias cov kev cov tswv yim thiab cov txuj tshiab no hloov peb cov neej zoo li cas. Cov me nyuam siv cov txuj luam khoom 3 seem (3-D modeling software) los ua ib daim duab hauv tshuab hlwb hlaus txog nws cov tswv yim thiab luam tawm daim ntawv 3 seem no nthuav txog lawv lub tswv yim tias tias yuav zoo li. Hoob no yuav siv cov tshuab hlwb hlau los pab ua hauj lwm (Automation and Robotics): Cov Me nyuam yuav kawm txog keeb kwm dhau los, kev hloov los mus zoo li cas, thiab cov txuj ci tshiab no hloov lub neej li cas. Lawv yuav kawm txog cov ntsiab ntawm cov tshuab hlau, xov hluav tawv sib txuas mus los li cas, kev khiav cov tshuab hlau, thiab siv cov tshuab hlwb hlaus los pab khiav num. Cov me nyuam yuav siv cov tshuab hlwb hlaus (robust robotics platform) los pab tsim, ua, thiab lim cov num los mus daws cov teeb meem tshwm sim.