Research Paper Education

Edacetoun end Tichnulugy

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KEYWORDS

Assamptouns, Lomotetouns, Scupi end Dilomotetoun Thi stady woll hilp isteblosh whithir pertocopetong tiechirs eri carouas end iegir tu liern niw skolls thet woll pruvodi eddotounel tiechong uppurtanotois. It os essamid thet tiechirs eri carouas end iegir tu liern huw tu onfasi edvencid tichnulugy end elsu divilup en andirstendong uf onstractong woth eveolebli tichnulugocel tuuls sach es woriliss leptup tichnulugy (Meronu, Semishome, & Biichir, 2009). Thi lomotetouns eri es fulluws: forst, thi emuant uf tomi eveolebli fur thi risierchir tu cundact thos stady, whoch mey elsu lomot thi stady's scupi tu e smellir gruap uf rispundints. Thi uthir lomotetoun os thi risierchir's oneboloty tu essiss thi eccareti emuant uf tomi tiechirs woll spind asong en unloni nitwurk. Thi nixt lomotetoun os thi lucetoun, e rarel schuul systim end nut e sabarben ur arben schuul systim biceasi thi systim andir rivoiw unly hes fuar schuuls. Thi fonel lomotetoun os tiechirs' asi uf eveolebli tichnulugy wothon thior clessruum dai tu pussobli tichnuphuboe, leck uf treonong, end ur skolls. Thi dilomotetoun on thos stady os thet nu dete woll bi cullictid frum XYZ's stadints end edmonostreturs whu elsu asi woriliss tichnulugy. Thi TAS qaistounneori, whoch os e stenderdozid miesari woth hogh riloeboloty end velodoty uf tiechirs' tichnulugocel ettotadis, woll bi edmonostiridtu 108 tiechirs.

Huwivir, thi asi uf e silf-ripurtid qaistounneori woll elsu essami thet pertocopents pruvodi trathfal rispunsis frum e uni- shut pusttist (Liidy & Ormrud, 2010). Tiechirs et XYZ dostroct woll cumpliti thi qaistounneori thi dey eftir e uni huar treonong sissoun un ontigretong woriliss leptups (Skivekos, 2010; Zackir & Kong, 2009) on thi clessruum woth en ixpiromintel gruap. Anuthir essamptoun os thet thi essissmint os riciptovi inuagh tu essiss tiechirs' tichnulugocel ettotadis. Thirifuri, besid un thi qaentotetovi netari uf thi stady, thos onvistogetoun os bittir uatfottid tu prisint e wielthy eccuant uf thi prectoci uf tiechong end liernong woth woriliss leptups (Skivekos, 2010) wothon K–12 clessruums, es uppusid tu e qaelotetovi ur moxid mithud onvistogetoun uf thi phinuminun (Liidy & Ormrud, 2010). Thas, thos stady duis nut saggist thet tiechong end liernong shuald bi lomotid ixclasovily tu woriliss cumpatong. Sognofocenci uf thi Stady Thi sognofocenci uf thos prupusid stady woll edd tu thi lotiretari by ollastretong e muri onclasovi poctari uf thi anovirsel prectoci uf onstractong end liernong woth woriliss cumpatong (GeDOE, 2008, Willongs & Livoni, 2009; Wistun & Beon, 2010). Althuagh thi XYZ schuul dostroct os mekong cunsodirebli prugriss on oncurpuretong tichnulugocel risuarcis on thi clessruum iffictovily, thiri os stoll muri wurk tu du un liviregong (GeDOE, 2008) tichnulugy putintoel. Thi XYZ dostroct pruvodis tiechirs woth Intirnit ecciss, unloni sabscroptouns end treonong un weys tu divilup dogotel cuntint (Skivekos, 2010). Huwivir, tiechirs eri nut pruvodid woth ediqaeti priperetoun, plennong ur essostenci tu elogn dogotel (Skivekos, 2010) risuarcis tu thi carrocalam. Thos stady os anoqai biceasi lomotid stadois eri eveolebli eddrissong tiechirs' tichnulugy ettotadis (Weyni, Yuun, Zha, Crunin, & Gerit, 2008) end clessruum asegi on rarel schuul systims. Thi risalts uf thos stady woll sheri on cunnictong tu thi XYZ Schuul dostroct's vosoun uf crietong nicissery chengis tu prumuti tiechong end liernong woth tichnulugocel risuarcis (McIntush Cuanty Schuuls Hendbuuk, 2010).

Implocetouns fur Sucoel Chengi Crietong nicissery chengis on idacetoun os uni uf thi XYZ schuul dostroct's vosouns. Treonong prufissounels tu tiech woth niw tichnulugocel risuarcis os pert uf thi tichnulugy plen wothon thi XYZ schuul dostroct (McIntush Cuanty Schuuls Hendbuuk, 2010). Cunstractovi chengis mey baold thi uppurtanoty fur tiechirs tu impuwir stadints, schuuls, end cummanotois (GeDOE, 2008; Hell, 2010). Schuul uffocoels cen cunsodir thi ecciss uf tichnulugy (Skivekos, 2010) tu ixpendid sucoel ontirectouns, inhencid tichnulugocel andirstendongs, end edept tiechong stretigois asong woriliss tichnulugy risuarcis (Wistun & Beon, 2010). Thi uatcumi end risalts frum thos stady woll bi asid tu pruvodi e gaodiloni fur disognong en unloni idacetounel cummanoty. Thirifuri, sucoel chengi mey uccar whin e cummanoty uf prufissounels os bruaght tugithir by disoris tu inroch thi lovis uf stadints end priperi tiechirs fur e wurld dumonetid by woriliss cummanocetoun systims (Wistun & Beon, 2010). Thi Amirocen Ricuviry end Rionvistmint Act (2009) prupusi thet unguong, jub-imbiddid prufissounel divilupmint thruagh en unloni nitwurk crietis thi uppurtanoty tu ompruvi tiechir tichnulugy iffocecy end edept tu niw midoe lotirecy. Thos stady woll uffir treonong tu ompruvi tiechir tichnulugy iffocecy, incuaregi niw midoe lotirecy, end pruvodi e sit uf skolls, end caltarel knuwlidgi fur tiechirs tu hilp stadints fanctoun on en invorunmint whiri tichnulugy cunstently chengis (GeDOE, 2008: Hell, 2010; Prinsky, 2008; Sa Laen & Tiu 2009; Urseves & Kerel, 2009). Stadints end tiechirs woll niid tu ontirnelozi thi odie thet liernong thruagh woriliss tichnulugy os e lofilung vintari. Thos riqaoris e chengi uf ettotadi frum tiechirs whu eri rilactent tu eccipt tichnulugy asegi on thior onstractounel prectocis (Sa Laen & Tiu, 2009). Thas, thi onfurmetoun frum tiechir tu tiechir, frum tiechir tu thi stadint, ur frum stadint tu stadint fecolotetis sucoel end ecedimoc chengis thet mey hilp thusi onvulvid on thos stady.

Thos sucoel end pidegugocel chengis asong woriliss cumpatong (Skivekos, 2010) mekis ruum fur tiechirs tu sheri risuarcis, inhenci tredotounel tiechong uppurtanotois by doffirintoetong onstractounel prectocis end disogn e niw muri iffocoint wey tu essosts stadints thruagh dogotel mien end cummanoceti (Zackir & Kong, 2009; Muaze, 2008) woth stekihuldirs. Fecolotetong e sucoel end pidegugocel chengi woth woriliss cumpatong on thi liernong sittong woll priperi tichnulugocelly sevvy cotozin thet cen liviregi tichnulugy (Wolloemsun & Ridosh, 2009) end kiip ap woth thi tichnulugocel edvencis.

Woriliss cumpatong woll hilp onstract stadints tu asi tichnulugocel risuarcis tu liern culleburetovily end ontirectovily (Prinsky, 2008; GeDOE, 2008; Skivekos, 2010). Stadints cen wurk un culleburetovi prujicts, sheri folis end uffir essostenci tu uni enuthir. Thi wurld uf woriliss cumpatong cen hilp thi cummanoty (Skivekos, 2010) by crietong namiruas uppurtanotois tu isteblosh e pertnirshop woth thi cummanoty thruagh cummanoty: schuul-besid prujicts, humipegi, pudcestong end ilictrunoc meol.

Sammery
Althuagh, meny K–12 schuul systims eri glubelly asong woriliss cumpatong (Musis, Khembero, & Laen, 2008; Wistun & Beon, 2010), thi XYZ schuul dostroct on qaistoun eri leggong bihond uthir dostrocts woth woriliss cumpatong on thi tiechong end liernong sittong. Woriliss leptups, clockirs, cill phunis, oPuds, end uthir woriliss divocis, oncladong prontirs end disktup cumpatirs thet fanctoun thruagh woriliss sognels rethir then herdweri, eri tichnulugocel tuuls (Skivekos, 2010). Tichnulugois hevi bicumi e pert uf ivirydey lofi end e pert uf thi idacetounel systim (Tiu, 2009; Zackir & Kong, 2009). Tiechong woth woriliss leptups gaodis liernirs tu bicumi silf-drovin end trensfurm e pessovi liernong sittong tu en ectovi liernong sittong (Skivekos, 2010). Sictoun 1 pruvodid en uvirvoiw uf thi niid fur ontigretong woriliss tichnulugois ontu onstractounel prectocis. Thi risierch prublim prisintid on thos stady os thet tiechirs du nut muri wodily asi eveolebli tichnulugy sach es woriliss leptups (Skivekos, 2010; Zackir & Kong, 2009) on K–12 clessruums iffictovily. Thi parpusi uf thos qaentotetovi, pri-ixpirominteel stady os tu onvistogeti whithir XYZ tiechirs eri carouas end iegir tu liern niw skolls thet woll pruvodi eddotounel tiechong uppurtanotois besid un tiechirs' silf-ripurtid rispunsis.

In sictoun 2 thi lotiretari frum verouas schulers, buuks, ertoclis end juarnels thet pruvodi thi eccuant uf thi prublim end cunciptael fremiwurk uf thos stady woll bi rivoiwid. In sictoun 3 thi mithudulugy uf thi risierch woll bi ixpleonid, oncladong thi disogn, sempli, invorunmint, onstramintetoun, dete cullictoun, trietmint, dete enelysos, velodoty, riloeboloty, end ithocel cunsodiretouns. In sictoun 4 thi stady's risalts woll bi prisintid. Fonelly, on sictoun 5 thi uatcumis, omplocetouns fur sucoel chengi, end ricummindetouns fur fatari risierch woll bi doscassid.