# Ultimate Goal for Technology:                              May 2016

For all students to be able to access, create, collaborate and share knowledge through technology.

## Student Centered Learning, Professional Learning

| | Access | status | Cost |
|---|---|---|---|
| Year 1 (2015-2016) | ● Small pilot with the technology committee and other specialist to use Chromebooks<br>● (10 Chromebooks) | Completed | $4,013 |
| | ● old teacher laptops will be replaced at Ogden they will be recycled within the school (21 units) | May 2016 | $21,000 |
| | ● Replace old MV laptop cart with new laptops and a cart. (25 units + cart)<br>● Replace old Ogden laptop cart only no laptops | May 2016 | $28,000<br>$3,000 |
| | ● Increase internet bandwidth<br>　　Upgrade Axia<br>　　Internet usage increase | Summer 2016 | $7,000 one time<br>In Y2 & Y3 |
| | ● 10 spare laptops | May 2016 | $10,000 Y1<br>10,000 Y2/Y3 |
| | iPads<br>Apps - $20/ipad/year  (100 iPads) | On-going | General budget |
| | Apple TV<br>● purchase 6 for a 3 year pilot<br>　o  2 for the gyms<br>　o  4 for the iPad carts | completed | General budget $720 |

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| 2 Apple Servers ( Cache Server)<br>● Minimize internet access and reduce internet costs<br>● Expedite iPad deployment | | Summer 2016<br>Summer 2018 | 2 x $3500 Y1<br>2 x $2,500 Y3 |
| Phonic Ear<br><br>| MV | OG |<br>|----|----|<br>| 7 | 7 | | | School budget | |
| Google Apps for Education<br>● Various apps that teachers and students can access | | On-going starting September 2016 | n/a |
| Mirror 360 software ( ipads, Laptops and Chromebooks mirroring to Smartboard)<br>Year 2 - Implements at Ogden only - 425 units<br>Year 3 - implement at MV  175 units | | May 2016 | $4,250<br>$4,250 + 1,750 |
| Site licenses maintenance<br>● websites used by students and teachers | | School budget | On going |
| Site licenses maintenance<br>● anti-virus<br>● Software / Hardware applications<br>● School website<br>● Family Zone website | | On-going | On going |
| Replacement of projectors at Ogden(4) | | Summer 2016 | 4 x $1,800 |

| | | | On-going | n/a |
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| | All Options classes requiring technology will submit a proposal for technology requirements for consideration for the following year<br>● Submissions due March 31st<br>● Technology Committee will review projects by April 15th to make decisions for the following year. | | | |
| Year 2 (2016-2017) | ● Identify that there are enough AC power outlets for the technology | | TBD<br>Based on cart purchases | $20,000 (facilities budget) |
| | ● Newer laptops for teachers (39) | | Summer 2017<br>Summer 2018 | $20,000 Y2<br>$20,000 Y3 |
| | Chrome pilot results<br>Goal is to have a minimum 1:4 device cart to classrooms.<br><br>Purchase Chromebooks<br>grades 2 to 9<br><br>MV-1 (upstairs) 25 units<br>Ogden - 2 x 30 units | | May 2016 | $12,500 MV<br>$29,000 OG |
| | ● increase internet bandwidth as needed | | on-going | $9,600 / year |
| | iPads<br>Goal: Minimum of 1 cart/ grade team (25 units per cart)<br><br>| MV | Ogden |<br>|----|-------|<br>| 1 cart | 1 cart |<br><br>Apps - $20/ipad/year<br>Cases - $30/ipad | | May 2017 | $37,140 for 2 carts all inclusive |

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| | Phonic Ear (assess needs)<br><br>| MV | OG |<br>|----|----|<br>| 7 | 7 | | School Budget | n/a |
| | Google Apps for Education<br>● Various apps that teachers and students can access | on-going | $2,000 |
| | Site licenses maintenance<br>● websites used by students and teachers | School budget | on going |
| | Site licenses maintenance<br>● anti-virus<br>● software / Hardware applications<br>  ● School website<br>  ● Family Zone website | On-going | on-going |
| | New Student records to replace SIRS and SchoolLogic<br>Power School vs Maple Wood. | March 2017 | $30,000 |
| | Replacement of projectors at Ogden (4) | Summer 2016 | 4 x $1800 |
| | All Options classes requiring technology will submit a proposal for technology requirements for consideration for the following year<br>● Submissions due March 31st<br>● Technology Committee will review projects by April 15th to make decisions for the following year. | On-going | |
| Year 3 (2017-2018) | ● Identify that there are enough AC power outlets for the technology | on-going | $20,000 (facilities budget) |
| | ● increase internet bandwidth as needed | on-going | $9,600 y |

| | | May 2018 | $12,500 MV<br>$29,000 OG |
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| | Chrome pilot results from year 1<br>(one or the other)<br>Goal is to have a minimum 1:4 laptop cart to classrooms. | | |
| | Purchase Chromebooks<br>grade 2 to 9 | | |
| | MV-1<br>Ogden -2 | | |
| | Laptop Carts | | $28,000 MV<br>$66,000 OG |
| | MV-1  25 units + cart | | |
| | Ogden-2 x 30 units + cart | | |
| | iPads<br>Goal: Minimum of 1 cart/grade team | May 2018 | $37,140 for 2<br>carts all inclusive |
| | MV / Ogden | | |
| | MV: 1 cart - 25 units / Ogden: 1 cart - 25 units | | |
| | Apps - $20/ipad/year<br>Cases - $30/ipad | | |

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|---|---|---|---|
| | Phonic Ear (assess needs)<br><br>| MV | OG |<br>|---|---|<br>| 7 | 7 |<br><br>● | School budget | n/a |
| | Google Apps for Education<br>● Various apps that teachers and students can access | On-Going | $2,000 |
| | Site licenses maintenance<br>● websites used by students and teachers | On-going | On going |
| | Site licenses maintenance<br>● anti-virus<br>● software / Hardware applications | On-Going | On going |
| | Replacement of projectors at Ogden (2) | Summer 2017 | 2 x $1800 |
| | All Options classes requiring technology will submit a proposal for technology requirements for consideration for the following year<br>● Submissions due March 31st<br>● Technology Committee will review projects by April 15th to make decisions for the following year. | On-Going | n/a |

| | Creation Tools | Cost |
|---|---|---|
| Year 1 (2015-2016) | 3D Printer<br>● Accept proposals for 3D printer on how it would be used in the classroom. | n/a |

| | Proposal submissions for creative technology projects from grade/subject teams <br>  ● Submission due date is March 31st<br>  ● Technology Committee will review projects by April 15th to make decisions for the following year.<br>  ● | |
| --- | --- | --- |
| | Evaluate each year the feasibility of current apps and software through surveys.<br>  ● | |
| | Software on the laptops will be installed only during the summer.<br>  ● Submission for requests are due by May 1st through the form on the website | |
| | Apps for the iPads will only be installed Summer break, spring break and winter break.<br>  ● Submission for requests are due by December 1st or May 1st through the form on the website<br>  ● | |
| Year 2 (2016-2017) | 3D Printer<br>  ● Evaluate proposals and determine feasibility (leasing and purchase)<br><br>Proposal submissions for creative technology projects from grade/subject teams<br>  ● Submission due date is March 31st<br>  ● Technology Committee will review projects by April 15th to make decisions for the following year. | n/a |
| Year 3 (2017-2018) | 3D Printer<br>  ● Evaluate proposals and determine feasibility (leasing versus purchase)<br>  ● Based on Year 2 evaluations and feasibility purchase<br><br>Proposal submissions for creative technology projects from grade/subject teams<br>  ● Submission due date is March 31st<br>  ● Technology Committee will review projects by April 15th to make decisions for the following year. | n/a |

| Year | Collaborate | Cost |
|---|---|---|
| Year 1 (2015-2016) | ● Smart Amp pilot<br>● Meeting with other teachers from other schools or teachers within Almadina in the same grade/subject level to learn about technology in the classroom. | Sub costs |
| Year 2 (2016-2017) | ● Meeting with other teachers from other schools or teachers within Almadina in the same grade/subject level to learn about technology in the classroom. | Sub costs |
| Year 3 (2017-2018) | ● Meeting with other teachers from other schools or teachers within Almadina in the same grade/subject level to learn about technology in the classroom. | Sub costs |

| Year | Share (Professional Learning, Others) | Cost |
|---|---|---|
| Year 1 (2015-2016) | Website<br>● Staff Login Page include all items that teachers require daily from the Staff Shared Network drive.<br>Family Zone website<br><br>Teacher Resource Website<br>● Populate with resources from teachers and the shared drive<br><br>● Meeting with other teachers from other schools in the same grade/subject level to learn about technology in the classroom.<br><br>Technology Team<br>● Mini in-service for staff by tech team<br>   ○ some will be mandatory<br>● Training for Technology Committee Team members each term. | |
| Year 2 (2016-2017) | Teacher Resource Website<br>● Populate with resources from teachers and the shared drive | |

| | | |
|---|---|---|
| | ● Meeting with other teachers from other schools in the same grade/subject level to learn about technology in the classroom.<br><br>Technology Team<br>● Mini in-service for staff by tech team<br>    ○ some will be mandatory<br>● Training for Technology Committee Team members each term. | |
| Year 3 (2017-2018) | Teacher Resource Website<br>● Populate with resources from teachers and the shared drive<br><br>● Meeting with other teachers from other schools in the same grade/subject level to learn about technology in the classroom.<br><br>Technology Team<br>● Mini in-service for staff by tech team<br>    ○ some will be mandatory<br>● Training for Technology Committee Team members each term. | |

# Research and Innovation

| | Description | Cost |
|---|---|---|
| Each Year | 3D Printer<br>● Accept proposals for 3D printer on how it would be used in the classroom. | |
| | Proposal submissions for creative technology projects from grade/subject teams<br>● Submission due date is March 31st<br>● Technology Committee will review projects by April 15th to make decisions for the following year. | |

# Leadership

| | Government and school authorities have clarity and coherence in the policies and procedures that govern educational and administrative uses of technology in all schools<br><br>Up-to-date guidelines and standards on uses of technology inform school authority education plans | Cost |
|---|---|---|
| Every Year | Re-evaluate policies and procedures on the following:<br>● cell phones<br>● laptops<br>   ○ assignments<br>● ipads<br>● misuse/damage<br>   ○ projectors<br>   ○ laptops<br>   ○ ipads<br>   ○ email<br>● email<br>● websites<br>● technology tools and resources<br>● procedures on how to access items<br>● when staff leaves what happens to their accounts<br>● calendars<br>● booking technology<br>● technology proposals<br>● software and apps purchase<br>● printer policies<br>● digital citizenship | |

| Teachers, administrators and other educational professionals use technology innovatively, effectively and efficiently | Cost |
|---|---|
| ● Professional Learning | |

| | |
|---|---|
| ● Digital Citizenship | |
| ● Follow-up and monitoring by administration | |
| ● Technology examples mapped to the ICT program of studies | |

| | Cost |
|---|---|
| Economies of scale that achieve cost effectiveness and efficiencies in educational technology are realized | |
| ● Compare prices when looking at placing the orders to acquire new technology products | |
| ● Recycling of devices when possible (laptops, iPads, etc) to various locations | |

# Access, Infrastructure and Digital Learning Environments

| Year | Description | Cost |
|---|---|---|
| Each Year | Management and upkeep of esl-almadina.com website (main school website) | |
| Each Year | Management and upkeep of eslalmadina.com website (Registration, Family Zone) | |
| Over the life of the 3 year plan | Meraki<br>● License renewal<br>● New hardware | $100,000 over 3 years |
| Each Year | Back up system & tape media | $2,300 Y1<br>$3,300 Y2<br>$3,300 Y3 |