**Harvey High School IMPROVEMENT PLAN - MATH**



**2019-2020**

**Data Snapshot Summary:**

 **Goal: Harvey High School staff will strengthen established formative assessment practices and work collaboratively to develop assessment capable learners.**

**Indicators of Success:**

|  |  |  |  |
| --- | --- | --- | --- |
|  **STRATEGIES/ACTIONS**  | **IMPLEMENTATION PLAN** | **MONITORING PLAN** | **MONITORING UPDATES** |
| **Strategy/Action** | **Responsibility** | **Timeframe** | **Evidence** | **Accountability** | **Frequency** | **Impact** | **Next Steps** |
| *(List the strategies and actions for realizing this goal, each in a new row.)* | *(Who is implementing this strategy/action?)* | *(In what timeframe/date range will implementation occur?)* | *(What evidence will be examined?)* | *(Who is examining the evidence?)* | *(At what frequency will the evidence be examined?)* | *(What has been the impact of this strategy/action toward achievement of the goal?)* |  |
| Develop a plan for 2019-2020 for IXL diagnostic assessments. | Math PLC, Admin, Resource | Aug. 29, 2019Diagnostic schedule:MS – Sept, Dec, JuneHS – Sept, Feb, June | Diagnostic analyses to be determined. | Math Teachers  | Aug. 29, 2019Diagnostic schedule:MS – Sept, Dec, JuneHS – Sept, Feb, June | It was learned that teachers require more PL regarding the diagnostic tool in IXL | [ ]  embedded[x] continue[ ]  refine or revise[ ]  abandon [ ]  not yet implemented |
| Develop a plan for student weekly practical application of IXL software program to target specific student needs | Math PLC, Admin, Resource | Students will work on IXL a minimum of 30 minutes/week | Weekly student progress of assigned outcomes.Formative and summative assessment results will increase as a result of remediation received during IXL time. | Subject teachers | weekly |  | ☐ embedded X continue☐ refine or revise☐ abandon ☐ not yet implemented |
| Staff IXL Professional Learning regarding analysis of diagnostics data | Tina Noble | Sept. 25 – Math PLC/SIP mtgCost of PLTimeframe |  | Math Teachers | Meeting in January PL(online tutorial?) – do an online lesson on ttrockstars.com in lieu of this PL |  | ☐ embedded☐ continue☐ refine or revise☐ abandon X not yet implemented |
| Math teachers will provide enrichment or remediation opportunities* Use of visuals, manips
* Ixl
 | HHS Math Teachers | Ongoing, as neededMrs. Noble met with ASD-W HS & MS Math leads to discuss enrichment and mediation opportunities for students 9/27/19Penny Lynch will provide remediation to grade 6 weekly during IXL, in class and homework assignmentsOctober 15/19Math teachers are using IXL time for both remediation and enrichment for identified students. | On task(fewer classroom management concerns)Able to work on current level outcomes without gaps in prior learning | Math Teachers | Ongoing, as needed |  | [ ]  embedded[ ]  continue[ ]  refine or revise[ ]  abandon [ ]  not yet implementedMike to attend Grade 8/9 Math transition PL |
| Prerequisite Skills Check for each Unit(Formative Assessment) | Grade 6-12 teachers Sept. 2019 | Ongoing/MonthlyPenny Lynch developing unit pre-requisite skills check prior to each unit in grade 6. Will assess and reassess to confirm understanding.October 15/19 | Able to work on current level outcomes without gaps in prior learning | Math TeachersMath Mentors | Prior to each unit |  | [ ]  embedded[ ]  continue[ ]  refine or revise[ ]  abandon [ ]  not yet implemented |
| Grade 9 Screening Tool |  | Nov. 15 Tina met with Laura to review screener and Excel document.Tina will contact Bev Amos and Laura Jury-Steeves in April 2020 to set a date in May to collate results. | Able to work on current level outcomes without gaps in prior learning | Math TeachersMath Mentors | The evidence will be examined in June or once the screener has been administered and scored. |  | [ ]  embedded[ ]  continue[ ]  refine or revise[ ]  abandon [ ]  not yet implementedEmail Math Mentors in April |
| Implement consistent parent communication (Website, student agendas, parent nights)* Weekly homework
* Weekly Math Tips and Tricks email (MS)
* Post on teacher pages (website)
* Agenda/Phone homework reminders
 | All staff - On-going | Sept. 11 staff agreed to post all major assignment and assessment information.Oct. 15 agreed to email grade 6E parents ‘Math Tips and Tricks’ weeklyMS FI teachers will email weekly tips and tricks home as well as post them to their website page. | Fewer parent questions regarding ‘what can we do at home to help?’Increase in parent engagement in student learning and support at home. | Math Teachers | Weekly/Monthly |  | ☐ embeddedX continue☐ refine or revise☐ abandon ☐ not yet implemented |
| Implement Ttrockstars.com  | Grades 6 – 9 Math Teachers | January 2020 - ongoing | Increase efficiency on summative assessments | Math Teachers | Weekly |  | ☐ embeddedX continue☐ refine or revise☐ abandon ☐ not yet implemented |

**Data Snapshot Summary:**

 **Goal: To enrich financial literacy through an experiential learning opportunity on Talk With Our Kids About Money (TWOKAM) day.**

**Indicators of Success:**

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| --- | --- | --- | --- |
|  **STRATEGIES/ACTIONS**  | **IMPLEMENTATION PLAN** | **MONITORING PLAN** | **MONITORING UPDATES** |
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| Hosting a Money Day (TWOKAM) on April 15, 2020 | All Math Teachers | December - April 15, 2020 | Prior Knowledge Survey and Exit Slip on April 15 | All Math Teachers | Before and After Presentation Questionnaires |  | [ ]  embedded[ ] continue[ ]  refine or revise[ ]  abandon [ ]  not yet implemented |
| Organize TALK WITH OUR KIDS ABOUT MONEY DAY (TWOKAM) | Math TeachersInvite people from UNB and EECD to discuss “Game of Life” Day and what their role can be in that for Jan. 6/20 PL day. | Meet to plan this event (ex. stakeholder representation)Meeting with Garth Wade Dec 4Continue planning for session (careers, presenters, guests, who will contact whom?Guests to be invited for Jan. 6/20. GNB person declined.Penny will contact them | Garth shared ideas gave resources. He will approach Scotiabank to see if they will be able to do a session on our “Game of Life” DayGuests will be present for the PL day on Jan 6 and a map of the “Game of Life” day will be created | Math TeachersGarth WadeMath TeachersGarth WadeMath PLC | April 2020Contact upon Garth’s return in January by PennyThis will be our weekly PLC focus leading up to the event |  | ☐ embeddedX continue☐ refine or revise☐ abandon ☐ not yet implemented |  |

We are going ahead with TWOKAM Day.  What we have looked into thus far is as follows:

Need to do:

* Penny will contact presenters concerning timings and what their topics are
* We mentioned there would be an Exit/Entrance Slip in our SIP. We discussed doing the exit slip the next day in our respective Math classes. We need to create the Exit Slip
* Need to create rotating schedule (where are presenters going each hour?)
* Need to slot students (or classes) into schedule so we know numbers
* Who’s doing the introduction and what are they going to say
* Garth mentioned declaring this ‘Harvey Talk With Our Kids About Money Day’ and speaking to MLA or Mayor about this….are we?
* Garth is providing each student French or English Money and Youth Books. How many French and English books do we need? – Penny to contact Garth
* Garth mentioned inviting McAdam High. Once we know numbers of students in each slot for us we can answer this question better. – Penny to contact Garth
* Garth mentioned a Financial Literacy Course that Riverview is a part of for grades 11/12 students. He mentioned possibly providing a supply day for one of our teachers to travel with him to Riverview to see how this course works. The date is in February. He is to get back to me and I will forward to you guys when I know.

Okay, in the coming weeks we should make a mock schedule of students in workshops and how that looks with rotations.

TALK WITH OUR KIDS ABOUT MONEY (TWOKAM)
April 15, 2020

Recap of the day, so far:

\*\*\*highlighted we need to look into

|  |  |
| --- | --- |
| Time | Activity |
| 8:15 – 8:30 | Attendance, Announcements, O’Canada |
| 8:30 | Opening Remarks (with MLA) |
| 8:45 - 9:30 | Workshop 1 |
| 9:30 – 9:50 | BREAK FOR MS AND HS |
| 9:50 - 10:35  | Workshop 2 |
| 10:40 - 11:25 | Workshop 3 |
| 11:30 – 12:30 | BREAK FOR MS AND HS |
| 12:35 - 1:20 | Workshop 4 |
|  1:25 - 2:10 | Workshop 5 |
| 2:15 – 3:00 | Workshop 6 |

What we know so far:

|  |  |  |
| --- | --- | --- |
| Organization | Presenter | Topic |
| Math Lead (MS) | Derrick Grant |  |
| \*\*RBC | Tim Short & Andrea Johnson | Kahoot? |
| Credit Union | Melissa Wilson & Talia Clark | Penny meeting to discuss topic after her dentist appointment in February |
| Solve Your Debts.com | Tamara Kelly |  |
| \*\*UNB | Caroline Purdy | Car leases and mortgages |
| In House | David White | Personal Taxes (grade 11/12 only) |
| \*\*In House | Math Supervisor will be needed here | Online Scenarios (one for middle school and one for high school, which we have created) |
| Student Loans (PETL) | Andrew Fowler | Student Loans (grade 11/12 only) |
| Scotiabank | Sara Caverhill |  |
| Math Lead (HS) | Derrick Grant |  |
| Nasis | Jill Johnson |  |
| Bliss Carman | Gretchen Murray |  |
|  |  |  |

\*\* means they require a computer lab