

The Warrior's Tongue

(Teach yourself Klingon)

1. Site mission

- To teach
 - sufficient Klingon vocabulary, grammar and pronunciation for a 'graduate' to become a cadet in the Klingon Defense Force.
 - sufficient Klingon culture and history to appreciate Shakespeare 'in the original Klingon'
- To demonstrate written Klingon.
- To be an online exposition of *The Klingon Dictionary*.

The prototype (to be submitted in April 2003) will present only the first 6 lessons of The Klingon Postal Course.

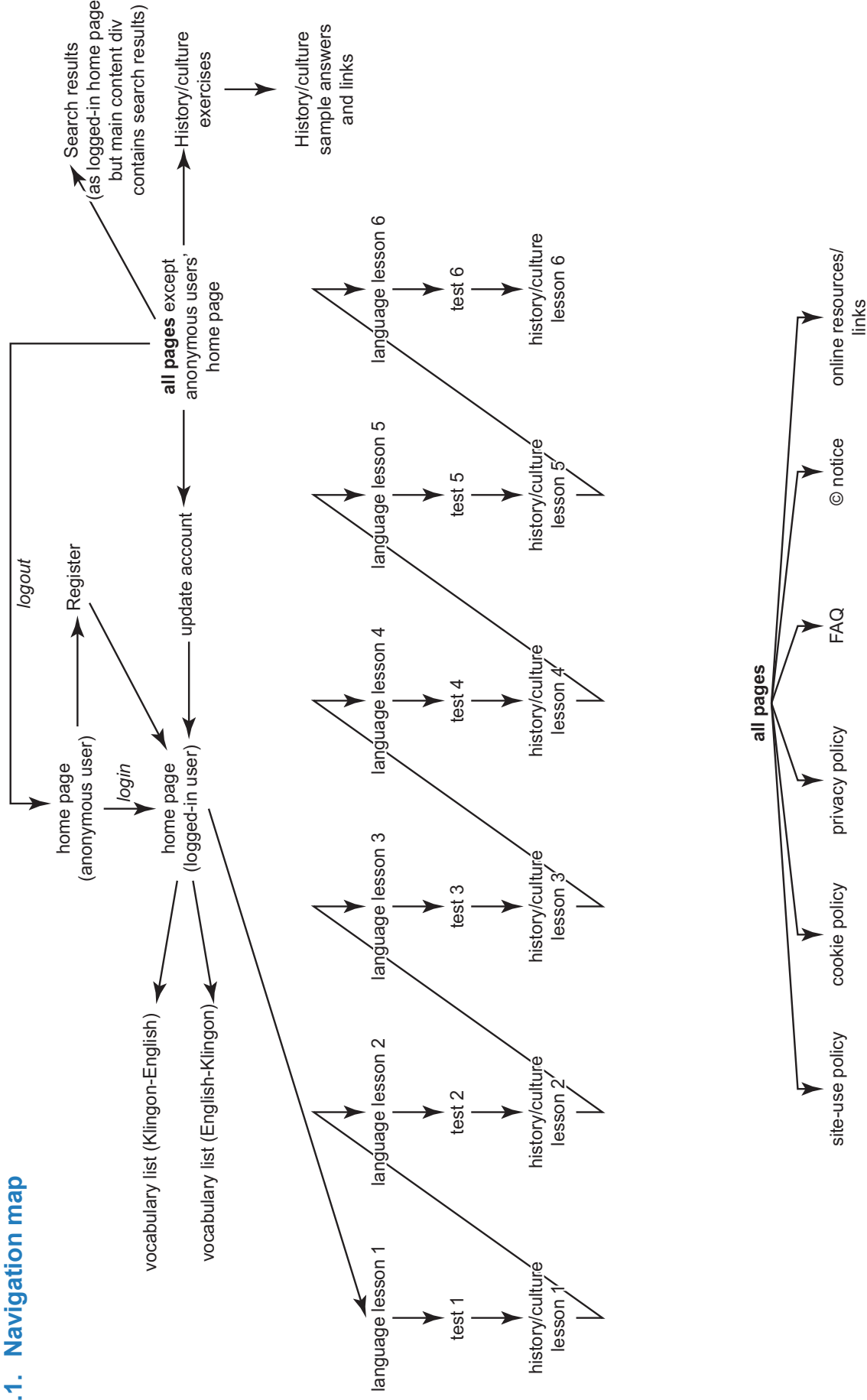
2. Numerical measures of success

- Site visits: 400 unique visitors in first year
- Registrations: 100 in first year (cost per user £5).
- Course completions: 80 in first year
- Executions: no more than 5 in first year
- Maintenance operations: no more than 10 hours in first year

Approval by Klingon Language Institute to proceed with full site at the end of first year would be a non-numerical measure of success.

3. Navigation map and storyboards

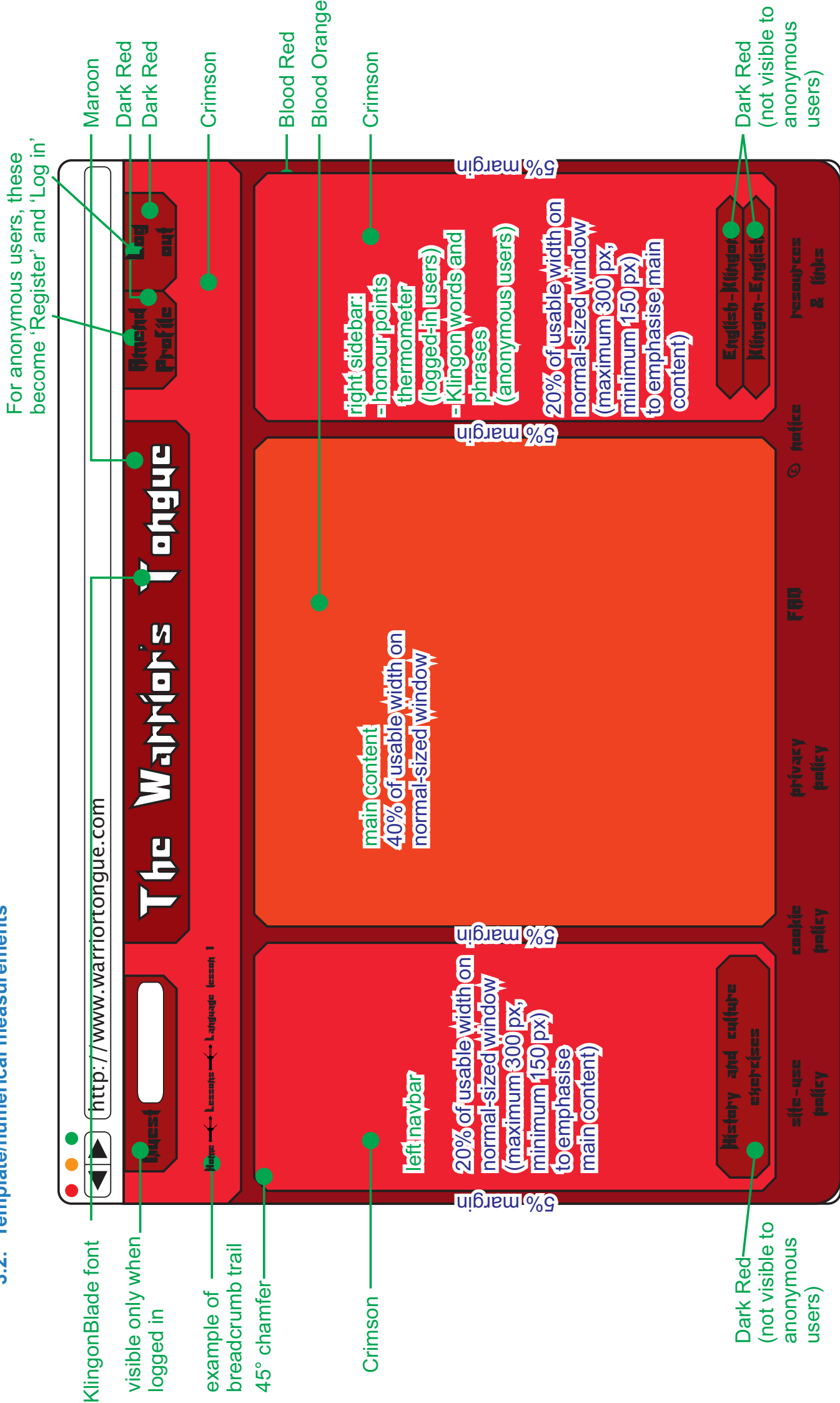
3.1. Navigation map



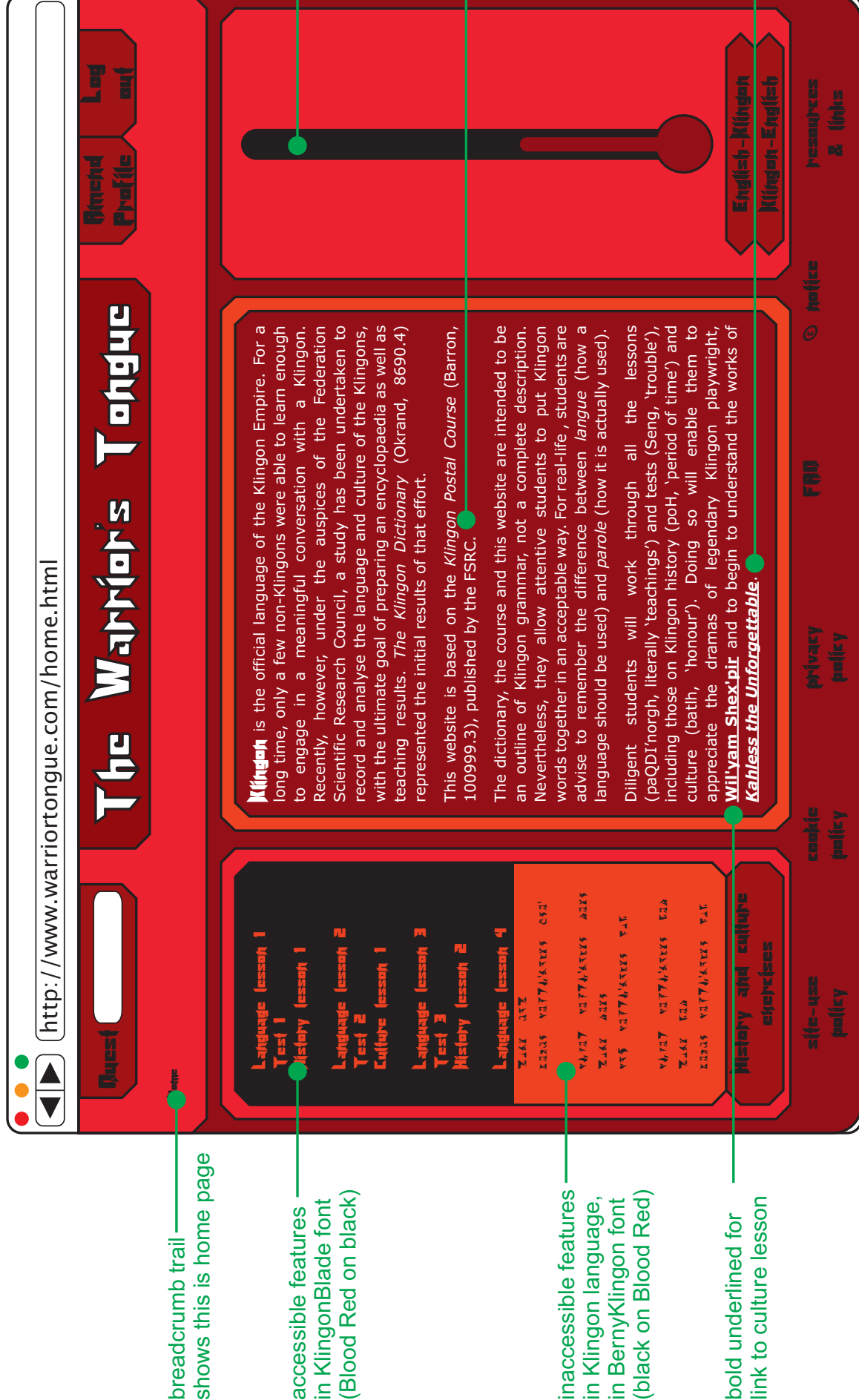
Not shown

- Logging out from any logged-in page returns user to home page for anonymous users.
- If honour-point total ever reduces to zero, user is returned to language lesson 1.
- Logged-in users can revisit any lesson or test previously taken, using the left navbar
- History and culture exercises can be accessed from any logged-in page, but it is envisaged that most users would visit the exercises after reading history/culture lessons.

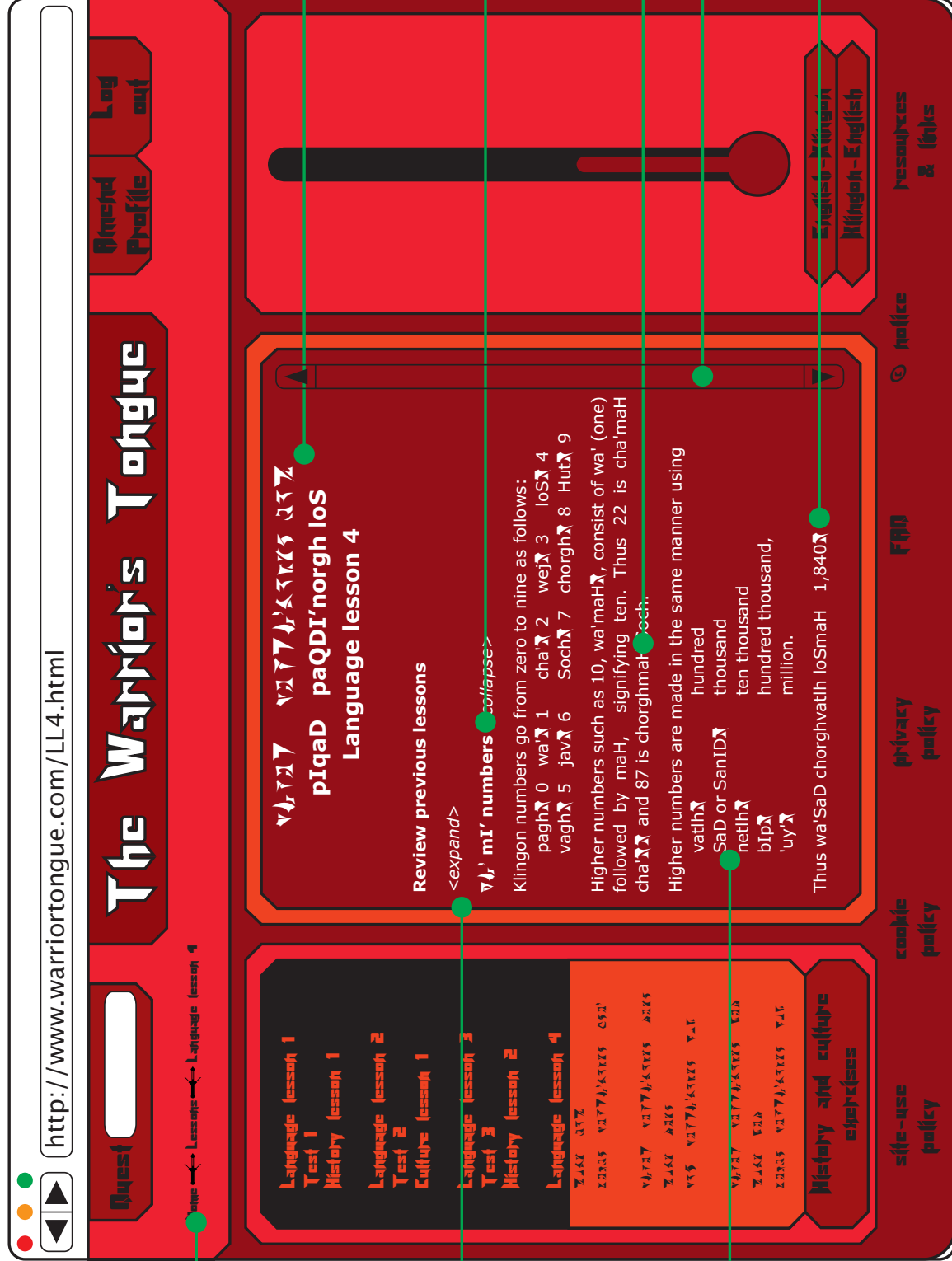
3.2. Template/numerical measurements



3.3. Storyboard 1: home page (logged-in users)



3.4. Storyboard 2: sample language lesson



breadcrumb trail shows this is language lesson 4

sections can be expanded and collapsed to allow students to focus on current teaching-points

vocabulary indented to be distinct from narrative

Lesson title in
• Klingon (Berry/Klingon)
• Klingon (Verdana)
• English (Verdana)

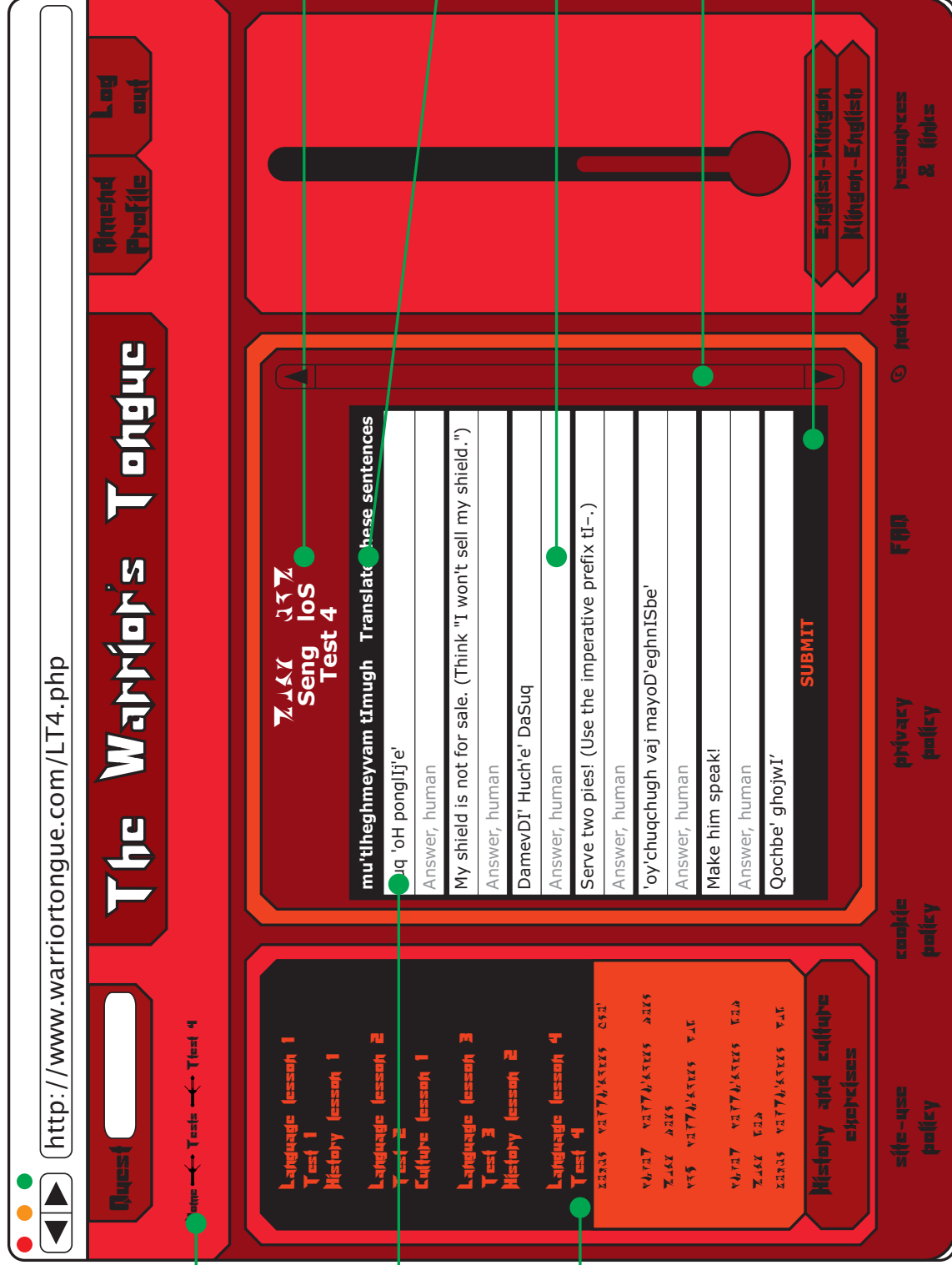
Section heading in
• Klingon (Berry/Klingon)
• Klingon (Verdana)
• English (Verdana)

actual teaching in Verdana

scroll bar (provided by OS/browser)

trigger for audio clip

3.5. Storyboard 3: sample test



breadcrumb trail shows this is test 4

test is HTML5 form (Ideally, questions are randomly taken from a bank of questions at this level.)

student has activated all audio clips in lesson 4, so has been allowed to access test 4

Test title in
 • Klingon (BeryKlingon)
 • Klingon (Verdana)
 • English (Verdana)

Clear instructions in English and Klingon

Placeholder for answer

scroll bar (provided by OS/browser)

example of submit button (Blood Red to show it's important)
 In reality there would be many questions, and submit button would be beneath the last question

4. Visual style

4.1. Colours

Due to Klingon fascination with blood and honour, the site will be mostly blood-red colours and black.

Colour name	Hex	RGB	CMYK
Blood Red	#660000	102, 000, 000	012, 100, 094, 056
Crimson	#DC143C	220, 020, 060	000, 098, 087, 000
Dark Red	#8B0000	139, 000, 000	007, 099, 100, 032
Maroon	#800000	128, 000, 000	008, 100, 100, 040
Blood Orange	#CC1100	204, 017, 000	000, 089, 100, 000
Black	#000000	000, 000, 000	000, 000, 000, 100

(Bear, 2013)

4.2. Shapes

Shapes are (rect)angular to echo the harshness of Klingon language and life.

4.3. Fonts

Because the site is text-heavy, a clear, websafe sans-serif font (Verdana) at a readable size (10 point) and leading will be used for functional text. Most text will be black on white backgrounds, but emphasis will be added using red and white on black backgrounds:

Test 3b	
Fire disruptors!	Answer, human
A warrior does not retreat.	Answer, human
He fights his way out.	Answer, human
Or he drowns in the blood of his enemies.	Answer, human
SUBMIT	

Non-functional text (headings, links, decoration) will use Klingon fonts (Gee, 1997), rendered into graphic formats if necessary. (Klingon is not in Unicode (The Unicode Consortium, 2001) so browsers may not render Klingon fonts.)

4.3.1. English glyphs ('KlingonBlade' font)

abcdefghijklmnopqrstuvwxyz
 1234567890-=[\:/

ABCDEFGHIJKLMN OPQRST UVWXYZ
 !@£\$%&*()_+{|}~<>?

abcdefghijklmnopqrstuvwxyz
 i€# \$oo\$%&^*~øπœ®ß†√Σ≈ΨΩ

ABCDEFGHIJKLMN OPQRST UVWXYZ
 /™◊fifl#·,—±'''ÚŒ»ÿ~¿

4.3.2. Klingon glyphs ('BernyKlingon' font)

abcdefghijklmnopqrstuvwxyz
 1234567890-=[\:/

ABCDEFGHIJKLMN OPQRST UVWXYZ
 !@£\$%&^*~øπœ®ß†√Σ≈ΨΩ

abcdefghijklmnopqrstuvwxyz
 i€# \$oo\$%&^*~øπœ®ß†√Σ≈ΨΩ

ABCDEFGHIJKLMN OPQRST UVWXYZ
 /™◊fifl#·,—±'''ÚŒ»ÿ~¿

4.4. Page head

- Title (KlingonBlade font): Front and centre, very visible
- Search box – Google search of site (will not enable students to bypass required progress through lessons and tests). Visible only to logged-in users. Top left to save space for primary content.
- Amend profile (replaced by 'Register' on home page for anonymous users)
- Log out (replaced by 'Log in' on home page for anonymous users)

Both of the above are tucked into top right to save space for primary content.

- Breadcrumb trail – uses daggers to separate words (reference to traditional Klingon weaponry). Visible only to logged-in users. Sized to be useful but not obtrusive

4.5. Left navbar

About 25% (including margins) of usable width on normal-sized window (maximum 300 px, minimum 150 px to emphasise main content)

- List of lessons
 - accessible lessons (in English, KlingonBlade in Blood Orange on black to represent challenge)
 - inaccessible lessons (in Klingon, BerynyKlingon in black on Blood Orange to represent inaccessibility and discourage premature-access attempts)

4.6. Right sidebar

About 25% (including margins) of usable width on normal-sized window (maximum 300 px, minimum 150 px to emphasise main content)

- Anonymous users: random Klingon phrases in
 - Klingon [BerynyKlingon font]
 - Klingon [Verdana]
 - English [Verdana]
- Logged-in users: honour-point thermometer

4.7. Main content

'Punchiest' part: white text on Blood Red for readability. Behind this is Crimson box to add punch.

Displays

- Lesson number and title (in Klingon [BeryKlingon font], then English [Verdana] to teach Klingon numbering), then lesson content (Verdana) *or*
- Test title and text (format as for lessons), with actual questions in HTML5 forms, styled as tables *or*
- Vocabulary list: English to Klingon *or*
- Vocabulary list: Klingon to English *or*
- Search results.

4.8. Footer

Links to online resources, copyright notice, FAQ, privacy policy, cookie policy, site-use policy [KlingonBlade]. These pages are available to all users.

5. Appendix A; proposed functionality

5.1. Klingon lessons

Lessons will introduce grammatical points, along with suitable levels of vocabulary. Each lesson will have a terminal vocabulary list.

All written Klingon will have icons to activate pop-up audio clips of the spoken Klingon. Student will need to activate all clips twice to access the following test.

Any student may revisit any lesson he or she has already accessed, so long as he or she has not been 'executed'. (See 'Tests' below.)

5.2. Tests

Each Language lesson will be followed by a test where students key in their answers.

- Correct answers will earn honour-points from Worf (Memory Alpha, 2004). Logged-in students will see their honour-points in a 'thermometer' in the right sidebar.
- Incorrect answers will result in Duras (Memory Alpha, 2004) stealing honour-points. Also, corrected answers will be displayed in blood-red.

Passing a test (>90% correct answers) allows a student to access the following History or Culture lesson. Retakes are allowed but students will have to retake entire tests. There is no barrier to moving on from these to the succeeding Language Lesson

A perfect score in a student's first attempt at a test will result in commendation from Gowron (Memory Alpha, 2004) and extra honour-points.

A student may retake any test he or she has previously taken.

- Scoring higher than before will increase honour-points at half the rate of a first take, but a perfect score in a retake will not earn a commendation.
- Scoring less than before will decrease honour-points at twice the rate of first attempts.

If a student's honour-point total ever drops to zero, the student will be 'executed' by Gowron. The student will then be sent to Gre'thor, (Memory Alpha, 2004) i.e. back to the very start of the course.

If budget and copyright owners permit, video-clips of Worf, Duras and Gowron will play in the right sidebar before the student's thermometer is augmented.

5.3. History and culture lessons

Passing a test will allow a student to proceed to a brief lesson on an aspect of Klingon history or culture. These lessons will have not formal tests, although there will be an optional, unassessed set of exercises which can be accessed by logged-in students at any time. Sample answers will be available and relevant weblinks will be provided.

6. Appendix B: Sources and inspirations

The Klingon Dictionary (Okrand, 1985)

The Klingon Postal Course (Barron, 2001)

The Klingon Hamlet (Nicholas, Strader, & Shoulson, 1996)

Memory Alpha (Memory Alpha, 2003)

Klingon for the Galactic Traveller (Okrand, 1997)

The Klingon Language Institute website (Klingon Language Institute, 2012)

Star date calculations (Trimboli, 2006)

7. Works Cited

- Barron, D. (2001). *Klingon Postal Course*. Retrieved February 17, 2013 from Klingon Language Institute: <http://www.kli.org/study/postcourse.html>
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