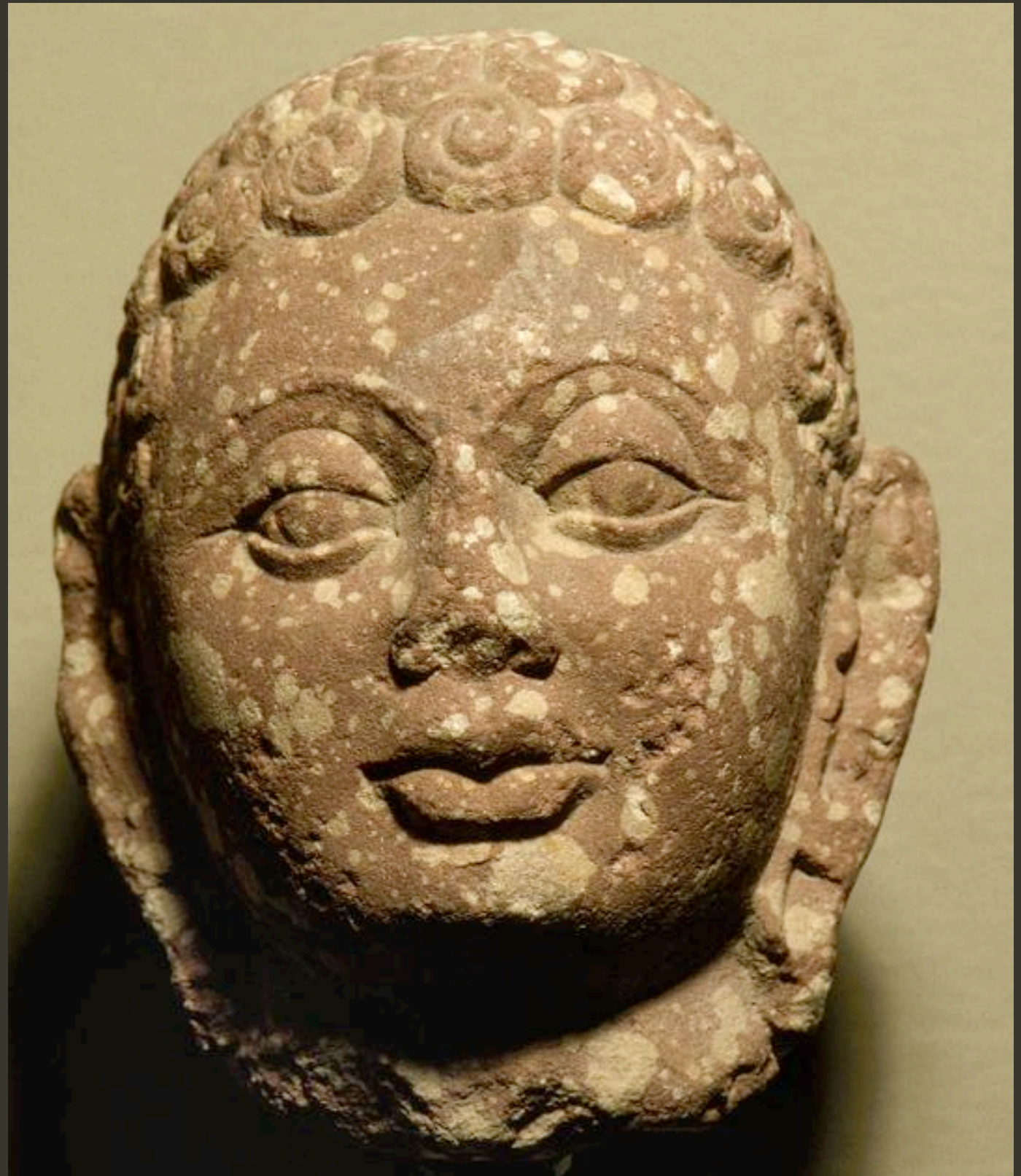


CLASS BEGINS
AT 11.10

JINA HEAD
LATE 2ND-
EARLY 3RD
CENTURY
UTTAR
PRADESH,
MATHURA



Record on

CONSONANTS

व्यञ्जन, Vyañjana, ornament, consonant

Vowels

Stops and nasals

Semivowels

Sibilants



Throat
(kaṇṭha)

Guttural,
velar
(kaṇṭhya)



Palate
(tālu)

Palatal
(tālavya)



Roof of
mouth
(mūrdhan)

Retroflex,
cerebral
(mūrdhanya)



Teeth
(danta)

Dental
(dantya)



Lips
(oṣṭha)

Labial
(oṣṭhya)



Voicing

Ga is voiced
Ka is unvoiced

Aspiration

Kha is aspirated

Ka is not aspirated

At the throat, guttural, velar
kaṇṭhya, ka-varga

| Stops | | | | |
|-------------|-----------|-------------|-----------|-------|
| Unvoiced | Unvoiced | Voiced | Voiced | |
| Unaspirated | Aspirated | Unaspirated | Aspirated | Nasal |
| क ka | ख kha | ग ga | घ gha | ङ ṅa |

At the palate, palatal
tālavya, ca-varga

| Stops | | | | |
|-------------|-----------|-------------|-----------|-------|
| Unvoiced | Unvoiced | Voiced | Voiced | |
| Unaspirated | Aspirated | Unaspirated | Aspirated | Nasal |
| च ca | छ cha | ज ja | झ jha | ञ ña |

At the roof of mouth, retroflex, cerebral
mūrdhanya, ṭa-varga

| Stops | | | | |
|-------------|-----------|-------------|-----------|--------|
| Unvoiced | Unvoiced | Voiced | Voiced | |
| Unaspirated | Aspirated | Unaspirated | Aspirated | Nasal |
| ट ṭa | ठ ṭha | ड ḍa | ढ ḍha | ण ण ṇa |

At the teeth, dental
dantya, ta-varga

| Stops | | | | |
|-------------|-----------|-------------|-----------|-------|
| Unvoiced | Unvoiced | Voiced | Voiced | |
| Unaspirated | Aspirated | Unaspirated | Aspirated | Nasal |
| त ta | थ tha | द da | ध dha | न na |

At the lips, labial
oṣṭhya, pa-varga

| Stops | | | | |
|-------------|-----------|-------------|-----------|-------|
| Unvoiced | Unvoiced | Voiced | Voiced | |
| Unaspirated | Aspirated | Unaspirated | Aspirated | Nasal |
| प pa | फ pha | ब ba | भ bha | म ma |

Stops and nasals

| | Unvoiced Unasp. Stop | Unvoiced Asp. Stop | Voiced Unasp. Stop | Voiced Asp. Stop | Nasal |
|-----------|----------------------------|--------------------------|--------------------------|------------------------|-------|
| Guttural | क ka | ख kha | ग ga | घ gha | ङ ña |
| Palatal | च ca | छ cha | ज ja | झ jha | ञ ña |
| Retroflex | ट ṭa | ठ ṭha | ड ḍa | ढ ḍha | ण णa |
| Dental | त ta | थ tha | द da | ध dha | न na |
| Labial | प pa | फ pha | ब ba | भ bha | म ma |

semivowel
antahstha, in between

| Palatal | Retroflex | Dental | Labial |
|---------|-----------|--------|--------|
| य ya | र ra | ल la | व va |

sibilant
ūṣman, steam

| Palatal | Retroflex | Dental | Guttural |
|---------|-----------|--------|----------|
| श śa | ष ṣa | स sa | ह ha |

| | | | | |
|------|-------|------|-------|-------------|
| अ a | आ ā | इ i | ई ī | उ u |
| ऊ ū | ऋ ṛ | ॠ ṝ | लृ ḷ | लृ̄ ḹ |
| ए e | ऐ ai | ओ o | औ au | अं अः aṁ aḥ |
| क ka | ख kha | ग ga | घ gha | ङ ṅa |
| च ca | छ cha | ज ja | झ jha | ञ ña |
| ट ṭa | ठ ṭha | ड ḍa | ढ ḍha | ण ṇa |
| त ta | थ tha | द da | ध dha | न na |
| प pa | फ pha | ब ba | भ bha | म ma |
| य ya | र ra | ल la | व va | |
| श śa | ष ṣa | स sa | ह ha | |

| | | | | |
|---|---|---|----|-------|
| अ | आ | इ | ई | उ |
| ऊ | ऋ | ॠ | लृ | ॡ |
| ए | ऐ | ओ | औ | अं अः |
| क | ख | ग | घ | ङ |
| च | छ | ज | झ | ञ |
| ट | ठ | ड | ढ | ण रा |
| त | थ | द | ध | न |
| प | फ | ब | भ | म |
| य | र | ल | व | |
| श | ष | स | ह | |

Adding virāma, vowel markers and vowel modifiers

सु वि तैः पं त्

su vi taiḥ paṁ t

अनेकः पवं तत्

anekaḥ pavam tat

Vowel marker irregularities

रु

ru

रू

rū

ह्र

hṛ

ह्र

hṝ

CONJUNCT CONSONANTS

Making a conjunct consonant

1. If the vertical line of the initial consonant can easily be detached leaving a recognizable character, it is removed. The remaining part is stuck onto the next consonant horizontally and the sign is read left to right:

स् + त = स्त

च् + छ = च्छ

Making a conjunct consonant

2. If that vertical line isn't there or can't sensibly be taken away, the letters are joined vertically and read top to bottom:

न् + न = न्न

ष् + ट = ष्ट

(You may have to make everything smaller to squeeze it into the available height.)

Irregular conjunct consonants

र+पा=र्पा

rpā

Irregular conjunct consonants

प+र=प्र

pra

Irregular conjunct consonants

क + ष = क्ष or ङ

kṣa

Irregular conjunct consonants

ज, +ञ = ज्ञ

jña

> Breakout rooms

म स थ य प

व र त द फ

ग ह ज क ल

छ श च ब न

ड ढ ठ ट क्ष

ण ध भ ष ल

द् रु द्वि ब्रह्मा



10 min break

RECORD ON

<http://www.ubcsanskrit.ca>

- **Lesson 1: Phonology**
 - [Devanāgarī Phonology Chart](#)
 - [Exercises](#)
- **Lesson 2: The Devanāgarī Script**
 - [Devanāgarī Script Writing Tutor](#)
 - [Post-consonantal Vowels](#)
 - [Consonantal Conjuncts](#)
 - [Exercises](#)

Lesson 1: Devanāgarī Phonology Chart

[\[Back to Lesson 1\]](#)

| <i>svara</i> Vowels | <i>hrasva</i> Short | <i>dirgha</i> Long | | | | | | | | |
|--------------------------------------|------------------------|-----------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------------|---------------------------------|------------------------------|-------------------------------|------------------------|
| | | | <i>sparsā</i> Stop | | | | <i>anunāsika</i> Nasal | <i>antastha</i> Semivowel | <i>ūṣman</i> Sibilant | |
| | | | <i>aghoṣa</i> Unvoiced | | <i>ghoṣa</i> Voiced | | | | <i>aghoṣa</i> Unvoiced | <i>ghoṣa</i> Voiced |
| | | | <i>alpaprāṇa</i> Unaspirated | <i>mahāprāṇa</i> Aspirated | <i>alpaprāṇa</i> Unaspirated | <i>mahāprāṇa</i> Aspirated | <i>alpaprāṇa</i> Unaspirated | | <i>mahāprāṇa</i> Aspirated | |
| <i>kaṇṭhya</i> Velar | अ a | आ ā | <i>kaṇṭhya</i> Velar | क ka | ख kha | ग ga | घ gha | ङ ṅa | | ह ha |
| <i>tālavya</i> Palatal | इ i | ई ī | <i>tālavya</i> Palatal | च ca | छ cha | ज ja | झ jha | ञ ña | य ya | श śa |
| <i>oṣṭhya</i> Labial | उ u | ऊ ū | <i>mūrdhanya</i> Retroflex | ट ṭa | ठ ṭha | ड ḍa | ढ ḍha | ण ṇa | र ra | ष ṣa |
| <i>mūrdhanya</i> Retroflex | ऋ ṛ | ॠ ṝ | <i>dantya</i> Dental | त ta | थ tha | द da | ध dha | न na | ल la | स sa |
| <i>dantya</i> Dental | लृ ḷ | | <i>oṣṭhya</i> Labial | प pa | फ pha | ब ba | भ bha | म ma | व va | |
| <i>kaṇṭhatālavya</i> Palato-Velar | | ए e | | | | | | | | |
| <i>kaṇṭhoṣṭhya</i> Labio-Velar | | ऐ ai | | | | | | | | |
| | | ओ o | | | | | | | | |
| | | औ au | | | | | | | | |

Lesson 2: Devanāgarī Post-Consonantal Vowels

[\[Back to Lesson 2\]](#)

Enter Consonant:

क्

Update

(You may enter consonants in any script.)

| | | | | | | | |
|--------|-----------|--------|-----------|--------|-----------|---------|-----------|
| अ a | क ka | आ ā | का kā | | | | |
| इ i | कि ki | ई ī | की kī | ए e | के ke | ऐ ai | कै kai |
| उ u | कु ku | ऊ ū | कू kū | ओ o | को ko | औ au | कौ kau |
| ऋ ṛ | कृ kr̥ | ॠ ṝ | कॄ kr̄ | | | | |
| ऌ ḷ | कॡ kḷ | | | ं ṁ | कं kaṁ | ः ḥ | कः kaḥ |

Lesson 2: Devanāgarī Consonantal Conjuncts

Enter Consonants: + (You may enter consonants in any script.)

Conjunct:

त्व

tva

| | | | | |
|---|---|---|----|-------|
| अ | आ | इ | ई | उ |
| ऊ | ऋ | ॠ | लृ | ॡ |
| ए | ऐ | ओ | औ | अं अः |
| क | ख | ग | घ | ङ |
| च | छ | ज | झ | ञ |
| ट | ठ | ड | ढ | ण |
| त | थ | द | ध | न |
| प | फ | ब | भ | म |
| य | र | ल | व | |
| श | ष | स | ह | |

| | | | | |
|---|---|---|----|-------|
| अ | आ | इ | ई | उ |
| ऊ | ऋ | ॠ | लृ | लॄ |
| ए | ऐ | ओ | औ | अं अः |
| क | ख | ग | घ | ङ |
| च | छ | ज | झ | ञ |
| ट | ठ | ड | ढ | |
| त | थ | द | ध | न |
| प | फ | ब | भ | म |
| य | र | ल | व | |
| श | ष | स | ह | |

Reading:

कस्यैतत्फलम् ।

फलं मम ।

मह्यमन्यत्फलमानय ।

अस्तु । अहं फलार्थं झटिति गच्छामि ।

Reading:

| | | | | |
|---|---|---|----|-------|
| अ | आ | इ | ई | उ |
| ऊ | ऋ | ॠ | लृ | लॄ |
| ए | ऐ | ओ | औ | अं अः |
| क | ख | ग | घ | ङ |
| च | छ | ज | झ | ञ |
| ट | ठ | ड | ढ | |
| त | थ | द | ध | न |
| प | फ | ब | भ | म |
| य | र | ल | व | |
| श | ष | स | ह | |

को ऽयम् । काको ऽयम् ।

अपि स्थूलः । अथ किम् । काकः स्थूलः ।

कुत्र तिष्ठति स्थूलकाकः । वटवृक्षे तिष्ठति काकः ।

अपि धर्मं जानाति काकः । अथ किम् । धर्मं जानाति
द्विजत्वात् ।

किंतु तस्य धर्मप्रवृत्तिर्नास्ति ।

भवतु । वयं सर्वे धर्माचरणं च धर्मं च जानीमः ।

किंतु यथा स्थूलकाका धर्मरक्षणं वयं घोरं भयमिव पश्यामः ।

Writing (Goldman 2D):

tattvasya

ārtāya

daṁṣṭrābhyām

jyāḥ

khaḍgāni

gacchanti

parvāṇi

trāhi

svāhā

| | | | | |
|---|---|---|----|-------|
| अ | आ | इ | ई | उ |
| ऊ | ऋ | ॠ | लृ | ॡ |
| ए | ऐ | ओ | औ | अं अः |
| क | ख | ग | घ | ङ |
| च | छ | ज | झ | ञ |
| ट | ठ | ड | ढ | |
| त | थ | द | ध | न |
| प | फ | ब | भ | म |
| य | र | ल | व | |
| श | ष | स | ह | |

GOLDMAN RECORDINGS

Week 2 vocab list

| | | |
|-------|------|-------------|
| अहम् | aham | pronoun I |
| त्वम् | tvam | pronoun you |

| | | | |
|-----------|-----------|----|----------------|
| गृहम् | gr̥ham | n. | house |
| जनः | janaḥ | m. | person, people |
| नृपः | nṛpaḥ | m. | king |
| पुत्रः | putraḥ | m. | son |
| बालकः | bālakah | m. | boy |
| ब्राह्मणः | brāhmaṇaḥ | m. | brahmin |
| मृगः | mṛgaḥ | m. | deer |
| वनम् | vanam | n. | forest |

See you on
Thursday

