Space and the universe Chinese vocabulary: Advanced (HSK 7-9)

50 words with pinyin, 繁體 and meanings, 34 of them with an example sentence.
Every word here links to its entry on the site.

Space and the universe Chinese vocabulary: Advanced (HSK 7-9) on the web
The same words as a CSV, for Anki or a spreadsheet
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Words

宇宙
yǔzhòu universe / cosmos / space

> 但宇宙无限。
> Dàn yǔzhòu wúxiàn.
> But the universe is infinite.

航天
hángtiān space flight

> 航天博物馆周末开门吗？
> Hángtiān bówùguǎn zhōumò kāimén ma?
> Is the space museum open on weekends?

卫星 衛星
wèixīng satellite / satellite / moon

> 金星没有卫星。
> Jīnxīng méiyǒu wèixīng.
> Venus has no moons.

火箭
huǒjiàn rocket

> 他们发射火箭。
> Tāmen fāshè huǒjiàn.
> They launched a rocket.

宇航员 宇航員
yǔhángyuán astronaut

行星
xíngxīng planet

> 你来自哪个行星？
> Nǐ láizì nǎge xíngxīng?
> Which planet are you from?

银河 銀河
yínhé Milky Way

> 夜里在山上能看见银河。
> Yèli zài shānshàng néng kànjiàn yínhé.
> At night you can see the Milky Way from the mountains.

星球
xīngqiú celestial body (e.g. planet, satellite etc) / heavenly body

> 我们能拯救这颗星球吗？
> Wǒmen néng zhěngjiù zhè kē xīngqiú ma?
> Can we save the planet?

太阳系 太陽系
tàiyángxì solar system

> 飞船离开太阳系了。
> Fēichuán líkāi tàiyángxì le.
> The spacecraft has left the solar system.

银河系 銀河系
yínhéxì Milky Way Galaxy / the galaxy (our galaxy)

> 夜里能看见银河系吗？
> Yèli néng kànjiàn yínhéxì ma?
> Can you see the Milky Way at night?

恒星 恆星
héngxīng star

> 地球不是恒星，而是行星。
> Dìqiú bú shì héngxīng, érshì xíngxīng.
> The earth is not a star, but a planet.

彗星
huìxīng comet

火星
huǒxīng spark (from a fire) / Mars (planet)

天文学 天文學
tiānwénxué astronomy

> 我哥哥大学学的是天文学。
> Wǒ gēge dàxué xué de shì tiānwénxué.
> My older brother studied astronomy at university.

大气层 大氣層
dàqìcéng the atmosphere / atmospheric layer

> 大气层怎么会影响天气？
> Dàqìcéng zěnme huì yǐngxiǎng tiānqì?
> How can the atmosphere affect the weather?

引力
yǐnlì gravitation (force) / attraction

> 黑洞的引力为什么那么大？
> Hēidòng de yǐnlì wèishénme nàme dà?
> Why is the gravitational pull of a black hole so strong?

重力
zhònglì gravity

> 飞机起飞要克服重力。
> Fēijī qǐfēi yào kèfú zhònglì.
> An airplane has to overcome gravity to take off.

失重
shīzhòng weightlessness

航天员 航天員
hángtiānyuán astronaut

> 我儿子长大想当航天员。
> Wǒ érzi zhǎngdà xiǎng dāng hángtiānyuán.
> My son wants to be an astronaut when he grows up.

飞船 飛船
fēichuán spaceship / spacecraft / dirigible / airship

> 那艘飞船真大啊。
> Nà sōu fēichuán zhēn dà a.
> How huge that airship is!

航天器
hángtiānqì spacecraft

探测器 探測器
tàncèqì detector / probe

探测 探測
tàncè to probe / to survey

> 飞船正在探测那颗星球。
> Fēichuán zhèngzài tàncè nà kē xīngqiú.
> The spacecraft is probing that planet.

发射 發射
fāshè to shoot (a projectile) / to fire (a rocket) / to launch / to emit (a particle) / to discharge / emanation / emission

> 他们发射火箭。
> Tāmen fāshè huǒjiàn.
> They launched a rocket.

空间站 空間站
kōngjiānzhàn space station

> 空间站在太空中绕着地球转。
> Kōngjiānzhàn zài tàikōng zhōng ràozhe dìqiú zhuàn.
> The space station orbits the Earth in outer space.

登月
dēngyuè to go (up) to the moon

> 我爷爷还记得当年登月的新闻。
> Wǒ yéye hái jìde dāngnián dēngyuè de xīnwén.
> My grandfather still remembers the news of the moon landing back then.

大爆炸
dàbàozhà Big Bang (cosmology)

> 大爆炸之前到底有什么?
> Dàbàozhà zhīqián dàodǐ yǒu shénme?
> What was there before the Big Bang, anyway?

黑洞
hēidòng black hole

> 黑洞的引力为什么那么大?
> Hēidòng de yǐnlì wèishénme nàme dà?
> Why is the gravitational pull of a black hole so strong?

望远镜 望遠鏡
wàngyuǎnjìng telescope / binoculars

> 用望远镜能看见星星。
> Yòng wàngyuǎnjìng néng kànjiàn xīngxing.
> You can see the stars using a telescope.

外星人
wàixīngrén space alien / extraterrestrial

> 我被外星人绑架了。
> Wǒ bèi wàixīngrén bǎngjiàle.
> I was abducted by aliens.

飞行器 飛行器
fēixíngqì flying craft (airplane, drone, missile, balloon, spacecraft, satellite etc)

星空
xīngkōng starry sky / the star-studded heavens

陨石 隕石
yǔnshí meteorite / aerolite

> 那颗陨石是从太空掉下来的。
> Nà kē yǔnshí shì cóng tàikōng diào xiàlai de.
> That meteorite fell from space.

流星
liúxīng meteor / shooting star / meteor hammer (abbr. for 流星錘|流星锤[liu2 xing1 chui2])

小行星
xiǎoxíngxīng asteroid / minor planet

> 这颗小行星离地球很远。
> Zhè kē xiǎoxíngxīng lí dìqiú hěn yuǎn.
> This asteroid is very far from the Earth.

星云 星雲
xīngyún nebula

超新星
chāoxīnxīng supernova / breakout star

暗物质 暗物質
ànwùzhì dark matter

> 暗物质至今还没被找到。
> Ànwùzhì zhìjīn hái méi bèi zhǎodào.
> Dark matter still hasn't been found.

宇宙飞船 宇宙飛船
yǔzhòufēichuán spaceship / spacecraft

> 宇宙飞船明天就要起飞了。
> Yǔzhòufēichuán míngtiān jiùyào qǐfēile.
> The spaceship is about to take off tomorrow.

航天飞机 航天飛機
hángtiānfēijī space shuttle

> 航天飞机终于回到地球了。
> Hángtiānfēijī zhōngyú huídào dìqiú le.
> The space shuttle has finally returned to Earth.

推进器 推進器
tuījìnqì propeller / propulsion unit / thruster

着陆 著陸
zhuólù landing / touchdown / to land / to touch down

太空舱 太空舱

tàikōngcāng space capsule / ejection capsule (cabin)

> 太空舱里面又小又冷吗?
> Tàikōngcāng lǐmiàn yòu xiǎo yòu lěng ma?
> Is it small and cold inside the space capsule?

木星

mùxīng Jupiter (planet)

金星

jīnxīng gold star / stars (that one sees from blow to the head etc) / Venus (planet)

> 金星自转得非常慢。
> Jīnxīng zìzhuàn de fēicháng màn.
> Venus rotates on its axis very slowly.

水星

shuǐxīng Mercury

土星

tǔxīng Saturn (planet)

北斗星

běidǒuxīng the Big Dipper / the Plow

> 晚上往北看，就能找到北斗星。
> Wǎnshang wǎng běi kàn, jiù néng zhǎodào Běidǒuxīng.
> Look north at night and you can find the Big Dipper.

光年

guāngnián light-year

> 一光年到底有多长?
> Yì guāngnián dàodǐ yǒu duō cháng?
> Just how long is one light-year?

星座

xīngzuò constellation / astrological sign

> 你什么星座啊?
> Nǐ shénme xīngzuò a?
> What's your sign?