

Bilaga 1 Litteratursökning

Arbetet med en systematisk översikt kännetecknas av en omfattande och systematisk sökning av forskningslitteratur. Detta är en detaljerad beskrivning av den sökstrategi som använts i den systematiska översikten *Aktivt jämställdhetsarbete i undervisningen* (Skolforskningsinstitutets systematiska översikter 2024:01).

Sökstrategin formuleras bland annat med hänsyn till lämpliga informationskällor samt vilka sökord och begränsningar som ska användas i de olika sökningarna. För att ha möjlighet att hitta forskning med olika aspekter och infallsvinklar relaterat till översiktens frågeställning har utgångspunkten i sökstrategin varit att genomföra en bred litteratursökning. I tabell 1 nedan visas en översikt över de källor och söktekniker som använts. Redovisning av de exakta sökningarna i respektive källa följer nedan under rubrikerna

- Blocksökning i vetenskapliga referensdatabaser
- Citerings- och kedjesökning

Tabell 1. Översikt över litteratursökningen

KÄLLA	ÄMNESOMRÅDE	SÖKTEKNIK
Internationella vetenskapliga referensdatabaser		
ERIC	Utbildning	Blocksökning/söksträng
Education Source	Utbildning	Blocksökning/söksträng
PsycINFO	Psykologi	Blocksökning/söksträng
Scopus	Ämnesövergripande	Citeringssökning, kedjesökning
Skandinaviska vetenskapliga referensdatabaser		
SwePub	Ämnesövergripande	Blocksökning/söksträng
Oria.no	Ämnesövergripande	Blocksökning/söksträng
JUULI	Ämnesövergripande	Blocksökning/söksträng
Den danske forskningsdatabasen	Ämnesövergripande	Blocksökning/söksträng

I många vetenskapliga databaser kan en sökning göras med hjälp av en så kallad söksträng, som utformas som en kombination av olika sökord. I den här systematiska översikten formulerades söksträngen med sökord relaterade till jämställdhet samt undervisning. Sökorden för att beskriva jämställdhet samlades i ett block, medan sökorden för skol- och undervisningkontexten samlades i ett annat block. För att en studie skulle fångas i sökningen krävdes att något sökord från båda blocken återfanns i studiens titel, sammanfattning och/eller ämnesord. I de internationella databaserna användes engelska sökord. Dessa kompletterades i de skandinaviska databaserna med svenska, danska och norska begrepp. Sökstrategierna togs fram av projektets informationsspecialist i samarbete med projektgruppen.

I februari 2022 genomfördes en första litteratursökning i de tre referensdatabaserna ERIC, Education Source och PsycInfo. Denna sökning begränsades till studier publicerade mellan 2012 och 2022. I september 2022 kompletterades den första sökningen med en ytterligare sökning där även studier från år 2000 och framåt inkluderades. Den andra sökningen genomfördes i både de

internationella och de skandinaviska källorna, och sökorden hade preciserats något jämfört med den första sökningen.

I maj 2023 genomfördes en citerings- och kedjesökning av de 20 studier som de externa forskarna vid tillfället för sökningen bedömt kunna svara på projektets frågeställning. En citeringssökning innebär att söka efter litteratur som refererar en utvald studie. Kedjesökning innebär att söka igenom studiernas referenslistor. Slutligen genomfördes en sökning i november 2023 med syftet att hitta sent publicerade studier.

Totalt resulterade litteratursökningen i 17 inkluderade studier. Citerings- och kedjesökningen samt uppdateringssökningen fångade inga studier som togs med i översikten.

Blocksökning i vetenskapliga referensdatabaser

SÖKNING 1

Tabell 2. Sökning i ERIC, Education Source, PsycInfo

Ebsco Host: ERIC, ES, PsycInfo datum: 202203, 20231103		
BLOCK	SÖKSTRÄNG	ANTAL TRÄFFAR
Block A: Jämlikhet	TI(gender) OR AB("gender differences" OR AB("gender bias") OR AB("gender issues") OR AB("gender inequality") OR AB("gender role*") OR AB("gender identity") OR AB("gender norms") OR TI("sex differences" OR "sex role*" OR "sex fairness" OR "sexual identity" OR "sexual harassment") OR AB("sex differences" OR AB("sex role*") OR AB("sex fairness") OR AB("sexual identity") OR AB("sexual harassment") OR TI(stereotype) OR (AB(stereotype) AND (gender OR sex OR woman OR women OR male* OR girl* OR boy*)) OR TI(boy* AND girl*) OR (AB(boy*AND girl*) AND (gender OR differences OR inequalit* OR norms OR power)) OR (TI(norms) AND (status OR classroom* OR masculin* OR feminin* OR boy* OR girl*) OR TI(masculinity OR femininity) OR (AB(masculinity OR femininity) AND (gender OR differences OR inequalit* OR norms OR power)))	232 000 (3 databaser)
Block B: Skolkontext	((school AND TI(pupil)) OR (school AND AB(pupil)) OR (school AND AB(student)) OR (school AND TI(student)) OR (school AND TI(learning)) OR (school AND AB(learning)) OR (school AND AB(teaching OR teach OR teacher)) OR (school AND TI(teaching OR teach OR teacher)) OR TI(lesson) OR TI(class*) OR classroom* OR "primary education" OR "secondary education") AND NOT	34 000 (3 databaser)

TI("higher education") OR AB("higher education") or TI(college) OR
AB(college) or TI(universit*) OR AB(universit*) OR TI("post secondary")
OR AB(kindergarten) or "early childhood education" or TI(daycare) OR
AB(daycare) or TI(infant) OR AB(infant)

Block C: Begränsningar	peer-review, Academic Journals, english Publication date: 2012 - 2022	10 115 (3 databaser)
Sökning	Block A AND Block B AND Block E	6 808 (efter dubblettkoll)

AB= Abstract

TI = Title

* = Truncation

Search mode: boolean/phrase

SÖKNING 2

TABELL 3. Sökning i ERIC

Ebsco Host: ERIC datum: 220912		
BLOCK	SÖKSTRÄNG	ANTAL TRÄFFAR
Block A: Jämställdhet	TI("gender identity") OR AB("gender identity") OR TI("gender role*") OR AB("gender role*") OR TI("gender equality") OR AB("gender equality") OR TI("gender inequality") OR AB("gender inequality") OR TI("gender equity") OR AB("gender equity") OR TI("gender bias") OR AB("gender bias") OR TI("gender stereotypes") OR AB("gender stereotypes") OR TI("gender gap") OR AB("gender gap") OR TI("gender norms") OR AB("gender norms") OR (TI("gender differences") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (AB("gender differences") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (SU(gender) AND TI(gender) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (SU(gender) AND AB(gender) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (SU("sexual identity") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR AB("sexual identity") OR TI("sexual identity") OR (SU("sex stereotypes") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR AB("sex stereotypes") OR TI("sex stereotypes") OR (SU("sex role*") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR AB("sex role*") OR TI("sex role*") OR (SU("sex fairness") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR TI("sex fairness") OR AB("sex fairness") OR TI("sex bias") OR AB("sex bias") OR TI("sex differences") OR AB("sex differences") OR (SU("sex differences") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (SU("sex bias") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (TI(masculin* OR feminin*) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (AB(masculin* OR feminin*) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (TI(boy* OR girl*) AND (gender OR sex) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (AB(boy* AND girl*) AND (gender OR sex) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR TI(lgbtq*) OR AB(lgbtq*) OR TI(queer) OR AB(queer)	

Block B: Skolkontext	(TI(student*) OR AB(student*) OR TI(pupil*) OR AB(pupil*) OR TI(child*) OR AB(child*) OR TI(youth) OR AB(youth) OR TI(teenager*) OR AB(teenager*) OR TI(boy*) OR AB(boy*) OR TI(girl*) OR AB(girl*) AND TI(classroom*) OR AB(classroom*)) AND (TI(practice*) OR AB(practice*) OR TI(classroom*) OR AB(classroom*) OR TI(teach*) OR AB(teach*) OR TI(instruction*) OR AB(instruction*) OR TI(pedagog*) OR AB(pedagog*) OR TI(didactic*) OR AB(didactic*) OR TI(learn*) OR AB(learn*) OR TI(skill) OR AB(skill) OR TI(achievement) OR AB(achievement))	
	Education level: elementary education, elementary secondary education, grade 1-12, high school equivalency programs, high schools, intermediate grades, junior high schools, middle schools, primary education, secondary education	
Block C: Begränsningar	peer-review, Academic Journals Publication date: 2000 - 2022	
Sökning	Block A AND Block B AND Block C	4230 / 3325

TABELL 4. Sökning i Education Source

Ebsco Host: Education source datum: 20220912		
BLOCK	SÖKSTRÄNG	ANTAL TRÄFFAR
Block A: Jämställdhet	TI("gender identity") OR AB("gender identity") OR TI("gender role*") OR AB("gender role*") OR TI("gender equality") OR AB("gender equality") OR TI("gender inequality") OR AB("gender inequality") OR TI("gender equity") OR AB("gender equity") OR TI("gender bias") OR AB("gender bias") OR TI("gender stereotypes") OR AB("gender stereotypes") OR TI("gender gap") OR AB("gender gap") OR TI("gender norms") OR AB("gender norms") OR (TI("gender differences") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (AB("gender differences") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (SU(gender) AND TI(gender) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (SU(gender) AND AB(gender) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (SU("sexual identity") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR AB("sexual identity") OR TI("sexual identity") OR (SU("sex stereotypes") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR AB("sex stereotypes") OR TI("sex stereotypes") OR (SU("sex role*") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR AB("sex role*") OR TI("sex role*") OR (SU("sex fairness") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR TI("sex fairness") OR AB("sex fairness") OR TI("sex bias") OR AB("sex bias") OR TI("sex differences") OR AB("sex differences") OR (SU("sex differences") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (SU("sex bias") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (TI(masculin* OR feminin*) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (AB(masculin* OR feminin*) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (TI(boy* OR girl*) AND (gender OR sex) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR	

	(AB(boy* AND girl*) AND (gender OR sex) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR TI(lgbtq*) OR AB(lgbtq*) OR TI(queer) OR AB(queer)
Block B: Skolkontext	TI("high school*") OR AB("high school*") OR SU("high school*") OR TI("elementary school*") OR AB("elementary school*") OR SU("elementary school*") OR TI("middle school*") OR AB("middle school*") OR SU("middle school*") OR TI("junior high") OR AB("junior high") OR SU("junior high") OR TI("primary education") OR AB("primary education") OR SU("primary education") OR TI("primary school*") OR AB("primary school*") OR SU("primary school*") OR TI("secondary school*") OR AB("secondary school*") OR SU("secondary school*") OR TI("secondary education") OR AB("secondary education") OR SU("secondary education") OR TI(grade) OR AB(grade) OR SU(grade)
	AND
	(TI(student*) OR AB(student*) OR TI(pupil*) OR AB(pupil*) OR TI(child*) OR AB(child*) OR TI(youth) OR AB(youth) OR TI(teenager*) OR AB(teenager*) OR TI(boy*) OR AB(boy*) OR TI(girl*) OR AB(girl*) AND TI(classroom*) OR AB(classroom*)) AND (TI(practice*) OR AB(practice*) OR TI(classroom*) OR AB(classroom*) OR TI(teach*) OR AB(teach*) OR TI(instruction*) OR AB(instruction*) OR TI(pedagog*) OR AB(pedagog*) OR TI(didactic*) OR AB(didactic*) OR TI(learn*) OR AB(learn*) OR TI(skill) OR AB(skill) OR TI(achievement) OR AB(achievement))
Block C: Begränsningar	peer-review, Academic Journals Publication date: 2000 - 2022
Sökning	Block A AND Block B AND Block C
	2794 /1249

TABELL 5. Sökning i PsycInfo

Ebsco Host: PsycInfo datum: 220912		
BLOCK	SÖKSTRÄNG	ANTAL TRÄFFAR
Block A: Jämställdhet	TI("gender identity") OR AB("gender identity") OR TI("gender role*") OR AB("gender role*") OR TI("gender equality") OR AB("gender equality") OR TI("gender inequality") OR AB("gender inequality") OR TI("gender equity") OR AB("gender equity") OR TI("gender bias") OR AB("gender bias") OR TI("gender stereotypes") OR AB("gender stereotypes") OR TI("gender gap") OR AB("gender gap") OR TI("gender norms") OR AB("gender norms") OR (TI("gender differences") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (AB("gender differences") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (SU(gender) AND TI(gender) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (SU(gender) AND AB(gender) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (SU("sexual identity") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR AB("sexual identity") OR TI("sexual identity") OR (SU("sex stereotypes") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR AB("sex stereotypes") OR TI("sex stereotypes") OR (SU("sex role*") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR AB("sex role*") OR TI("sex role*") OR (SU("sex fairness") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR TI("sex fairness") OR AB("sex fairness") OR TI("sex bias") OR AB("sex bias") OR TI("sex differences") OR AB("sex differences") OR	

	(SU("sex differences") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (SU("sex bias") AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) (TI(masculin* OR feminin*) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (AB(masculin* OR feminin*) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (TI(boy* OR girl*) AND (gender OR sex) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR (AB(boy* AND girl*) AND (gender OR sex) AND AB(teach* OR classroom* OR learn*) AND AB(student* OR pupil* OR classroom*)) OR TI(lgbtq*) OR AB(lgbtq*) OR TI(queer) OR AB(queer)
Block B: Skolkontext	(TI(student*) OR AB(student*) OR TI(pupil*) OR AB(pupil*) OR TI(child*) OR AB(child*) OR TI(youth) OR AB(youth) OR TI(teenager*) OR AB(teenager*) OR TI(boy*) OR AB(boy*) OR TI(girl*) OR AB(girl*) AND TI(classroom*) OR AB(classroom*)) AND (TI(practice*) OR AB(practice*) OR TI(classroom*) OR AB(classroom*) OR TI(teach*) OR AB(teach*) OR TI(instruction*) OR AB(instruction*) OR TI(pedagog*) OR AB(pedagog*) OR TI(didactic*) OR AB(didactic*) OR TI(learn*) OR AB(learn*) OR TI(skill*) OR AB(skill*) OR TI(achievement*) OR AB(achievement*)) AND (TI("high school*") OR AB("high school*") OR SU("high school*") OR TI("elementary school*") OR AB("elementary school*") OR SU("elementary school*") OR TI("middle school*") OR AB("middle school*") OR SU("middle school*") OR TI("junior high") OR AB("junior high") OR SU("junior high") OR TI("primary education") OR AB("primary education") OR SU("primary education") OR TI("primary school*") OR AB("primary school*") OR SU("primary school*") OR TI("secondary school*") OR AB("secondary school*") OR SU("secondary school*") OR TI("secondary education") OR AB("secondary education") OR SU("secondary education") OR TI(grade) OR AB(grade) OR SU(grade))
Block C: Begränsningar	peer-review, Academic Journals Publication date: 2000 - 2022
Sökning	Block A AND Block B AND Block C
	2247 / 811

TABELL 6. Sökning i SwePub

SwePub datum: 20220914		
BLOCK	SÖKSTRÄNG	ANTAL TRÄFFAR
Block A: Jämställdhet i skolkontext	Fritext: ((gender OR sex OR boy* OR girl* OR masculin* OR feminin*) AND (school* OR primary OR secondary) AND (classroom* OR student* OR pupil* OR teach* OR learn*)) OR ((hsvkat:503) (genus* OR kön OR poj* OR flick* OR feminin* OR maskulin* OR jämställdhet*)) OR ((genus* OR kön* OR poj* OR flick* OR feminin* OR maskulin* OR jämställdhet*)(*skola OR *skolor OR skolan OR klassrum OR elev OR elever OR lärare OR läraren OR undervisning))	
Block B: Begränsningar	Typ av publikation/innehåll: Tidskriftsartikel, Refereegranskat: Doktorsavhandlingar År: 2000-2022	
Sökning	Block A AND Block B	

tit = Title
 * = Truncation
 hsvkat:503 = Utbildningsvetenskap

TABELL 7. Sökning i Oria

Oria.no		
datum: 20220914		
BLOCK	SÖKSTRÄNG	ANTAL TRÄFFAR
Block A: Jämställdhet i skolkontext	(likestilling OR kjønn* OR maskulin* OR feminin* OR gutt OR gutter OR jente OR jenter) (utdanning OR lærer OR klasserom OR pupill OR elev OR elever OR *skole OR *skolen OR *skoler)	
Block B: Begränsningar	Materialtyp: Vitenskaplige artiklar, doktorsavhandlingar År: Senaste 20 åren	
Sökning	Block A AND Block B	50

TABELL 8. Sökning i JUULI

Juuli.fi		
datum: 20220914		
BLOCK	SÖKSTRÄNG	ANTAL RELEVANTA TRÄFFAR
Block A: Jämställdhet i skolkontext	(genus* OR kön* OR pojk* OR flick* OR feminin* OR maskulin* OR jämställdhet*) (*skola OR *skolor OR skolan OR klassrum OR elev OR elever OR lärare OR läraren OR undervisning)	
Block B: Begränsningar		
Sökning	Block A AND Block B	0

TABELL 9. Sökning i den Danske Forskningsdatabase

https://www.ucnbib.dk/		
datum: 20220914		
BLOCK	SÖKSTRÄNG	ANTAL RELEVANTA TRÄFFAR
Block A: Jämställdhet i skolkontext	(køn* OR mandlig OR kvindelig OR dreng OR drenge OR pige OR piger OR lighed) (lærer OR skole*)	
Block B: Begränsningar	Tidskriftsartikel	
Sökning	Block A AND Block B	35

Citerings- och kedjesökning

TABELL D1. Citerings- och kedjesökning

Scopus, referenslistor		
Datum: 20230522		
STUDIE		ANTAL CITERINGAR, ANTAL REFERENSER
Bateman, T., & Coetzee, M. H. (2018). Dramatizing gender: Exploring gender constructs through drama-based strategies.		3, 18
Brinkman, B. G., et al. (2011). Teaching children fairness: Decreasing gender prejudice among children.		19, 62
Carrier, S. J. (2009). Environmental education in the schoolyard: Learning styles and gender.		61, 37
Genlott, A. A., & Grönlund, Å. (2016). Closing the gaps—Improving literacy and mathematics by ict-enhanced collaboration.		72, 37
Gibbons, S. L. (2009). Meaningful participation of girls in senior physical education courses.		18, 29
Gil-Arias, A., et al. (2021). Effect of a hybrid teaching games for understanding/sport education unit on elementary students' self-determined motivation in physical education.		16, 70

Goyer, J. P., et al. (2019). Targeted identity-safety interventions cause lasting reductions in discipline citations among negatively stereotyped boys.	34, 80
Guadalupe, T., & Curtner-Smith, M. D. (2020). 'It's nice to have choices:'influence of purposefully negotiating the curriculum on the students in one mixed-gender middle school class and their teacher.	7, 38
Heemskerk, I., et al. (2009). Gender inclusiveness in educational technology and learning experiences of girls and boys.	23, 35
Jackson, A., et al. (2021). Increasing gender diversity in engineering using soft robotics.	6, 80
Kim, Y., & Lim, J. H. (2013). Gendered socialization with an embodied agent: Creating a social and affable mathematics learning environment for middle-grade females.	19, 52
Rice, P. S. (2002). Creating Spaces for Boys and Girls To Expand Their Definitions of Masculinity and Femininity through Children's Literature.	12, -
Sevil, J., et al. (2016). Gender and corporal expression activity in physical education: Effect of an intervention on students' motivational processes.	30, 74
Spinner, L., et al. (2021). A school-based intervention to reduce gender-stereotyping.	4, 59
Tous, M. D., et al. (2015). The Effect of Instructing Critical Thinking through Debate on Male and Female EFL Learners' Reading Comprehension.	5, -
Walseth, K., et al. (2018). Meaningful experiences in PE for all students: an activist research approach.	33, 39
Ward, L., et al. (2015). Using engineering activities to engage middle school students in physics and biology.	6, 55
Young, C., et al. (2021). Closing the gender gap in reading with readers theater.	0, 56
Zimmerman, F. (2019). Hur kan lärare motverka en antipluggkultur bland pojkar?	2 (google scholar)
Fridolfsson, A. K., et al. (2019). Gymnasieelevers användning av normkritik och naturvetenskap för att granska frågor om sexualitet och kön.	5 (google scholar)